

FIG. 1

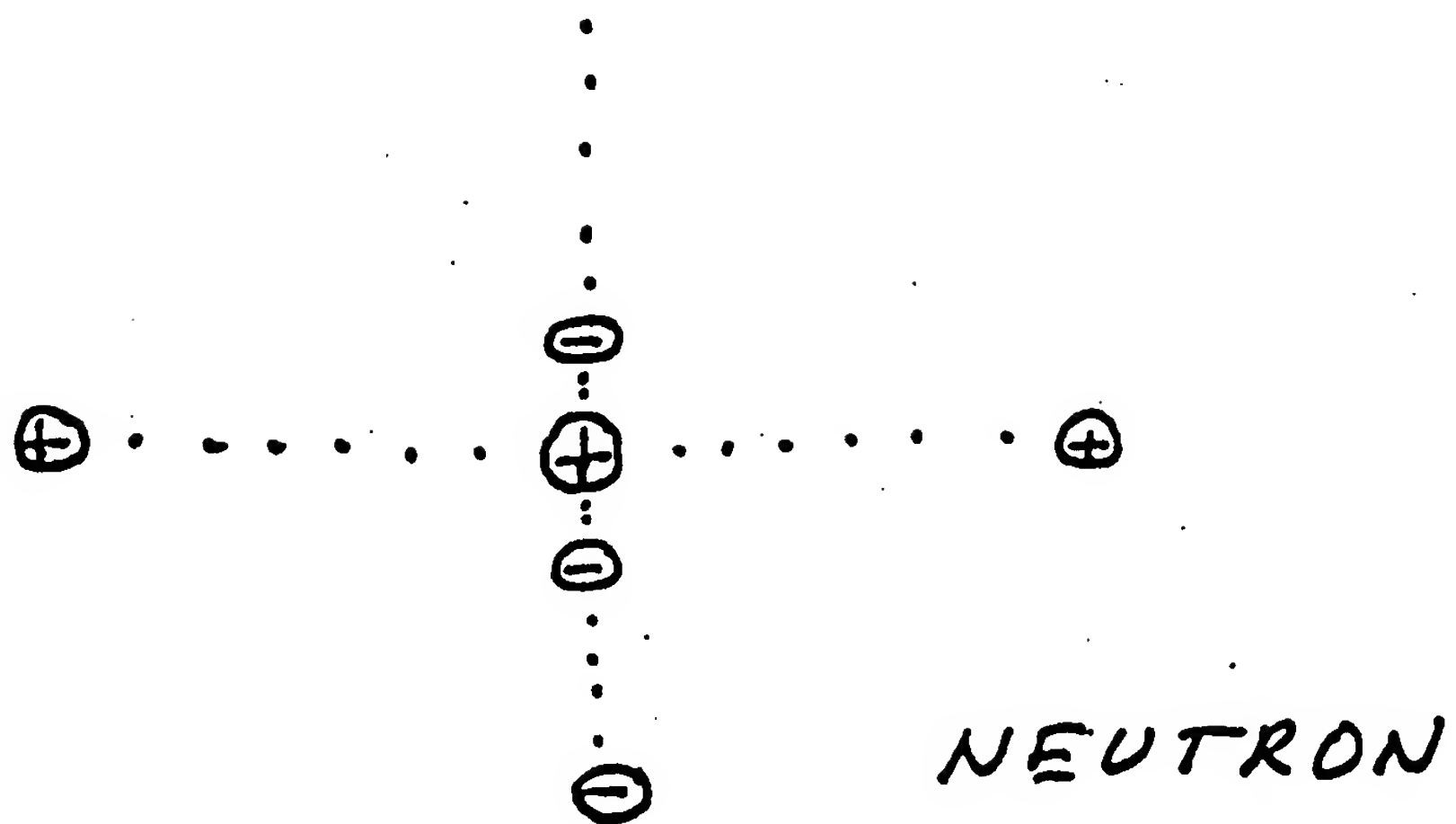
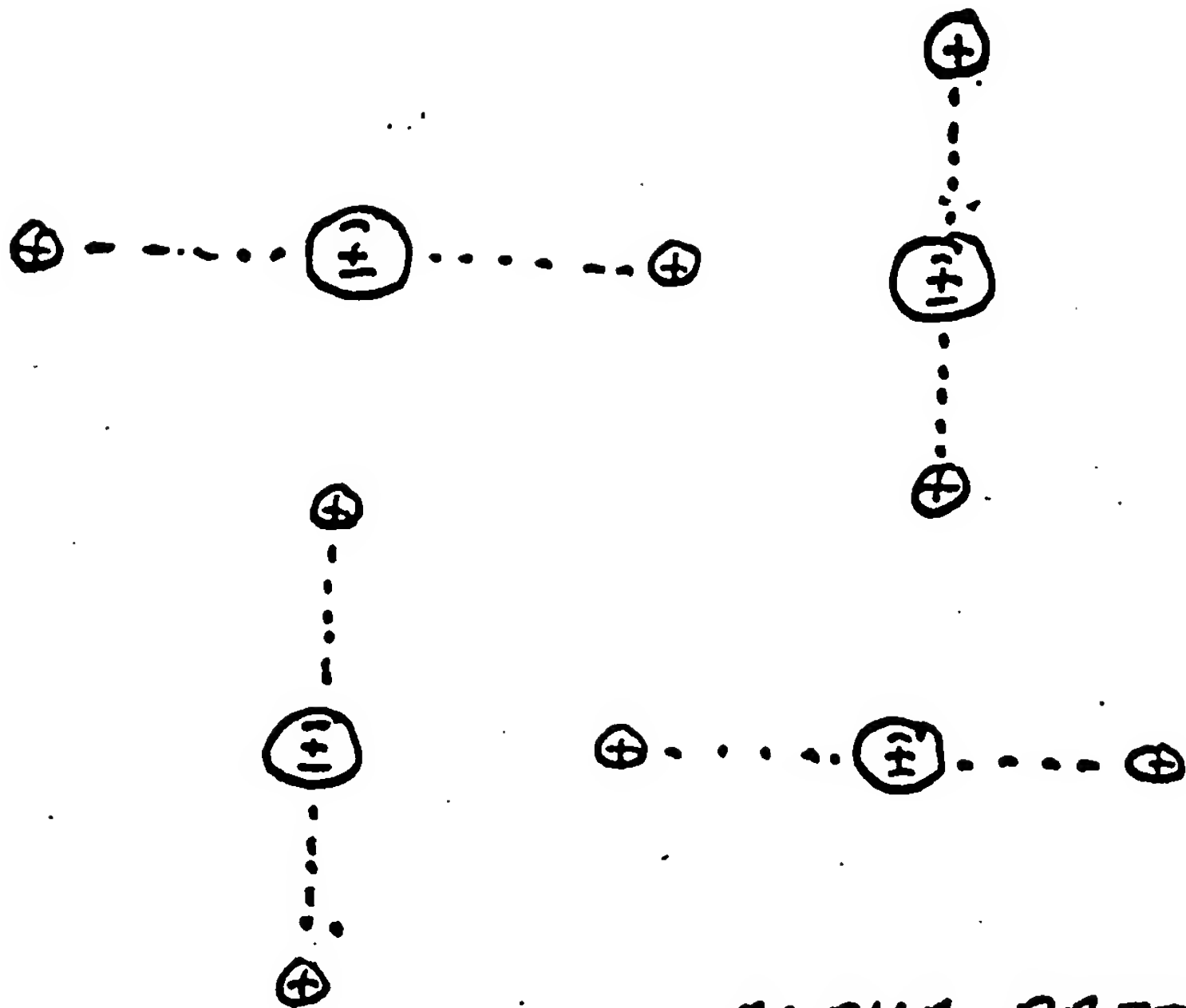
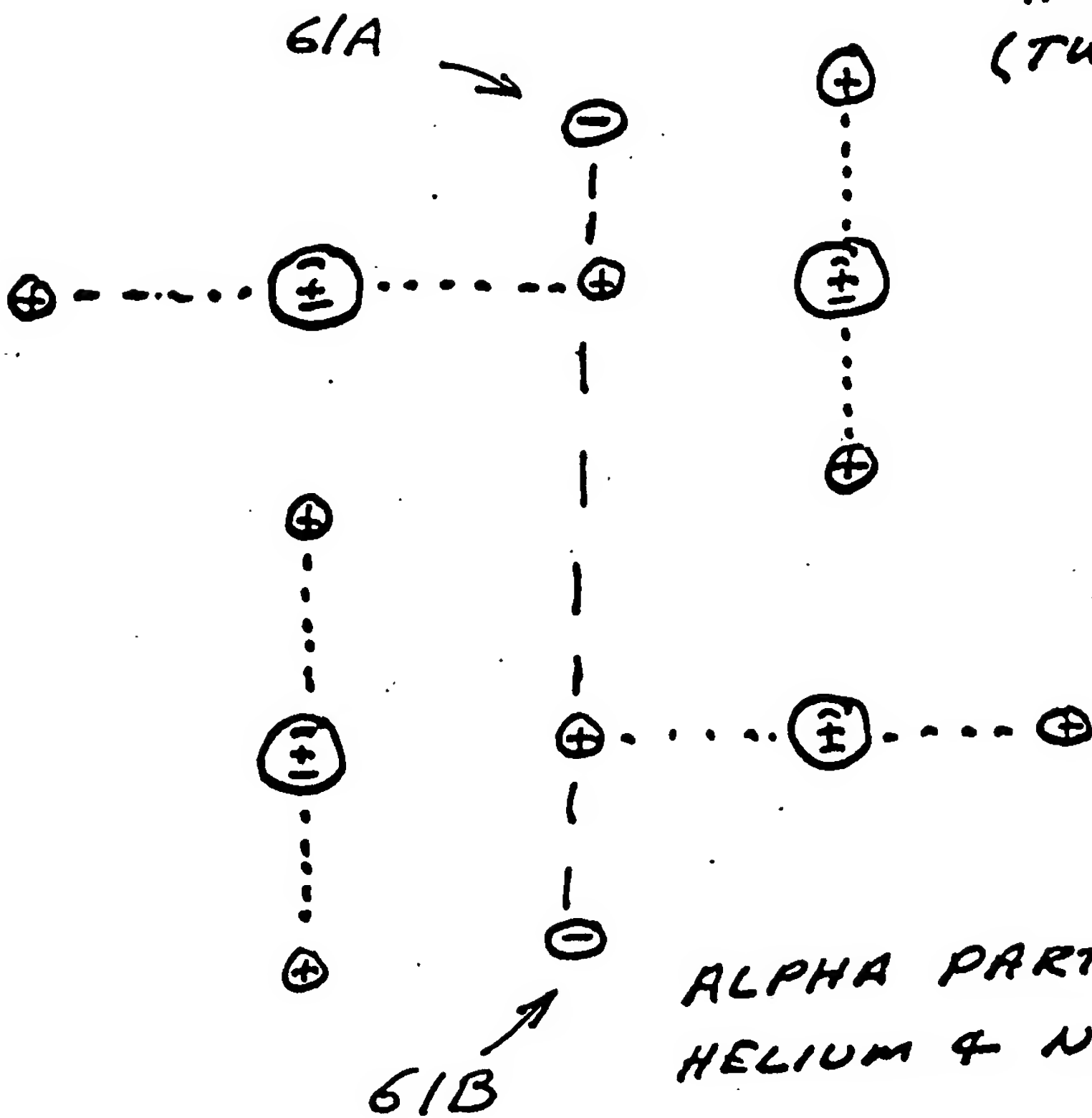


FIG. 2



ALPHA PARTICLE  
HELIUM & NUCLEUS  
(TWO NEGATONS NOT SHOWN)  
FIG. 3A



ALPHA PARTICLE  
HELIUM & NUCLEUS

FIG. 3B

FORCE ON CENTER 3 PARTICLES OF PROTON 4

FIG. 4

PROTON 2



PROTON 4

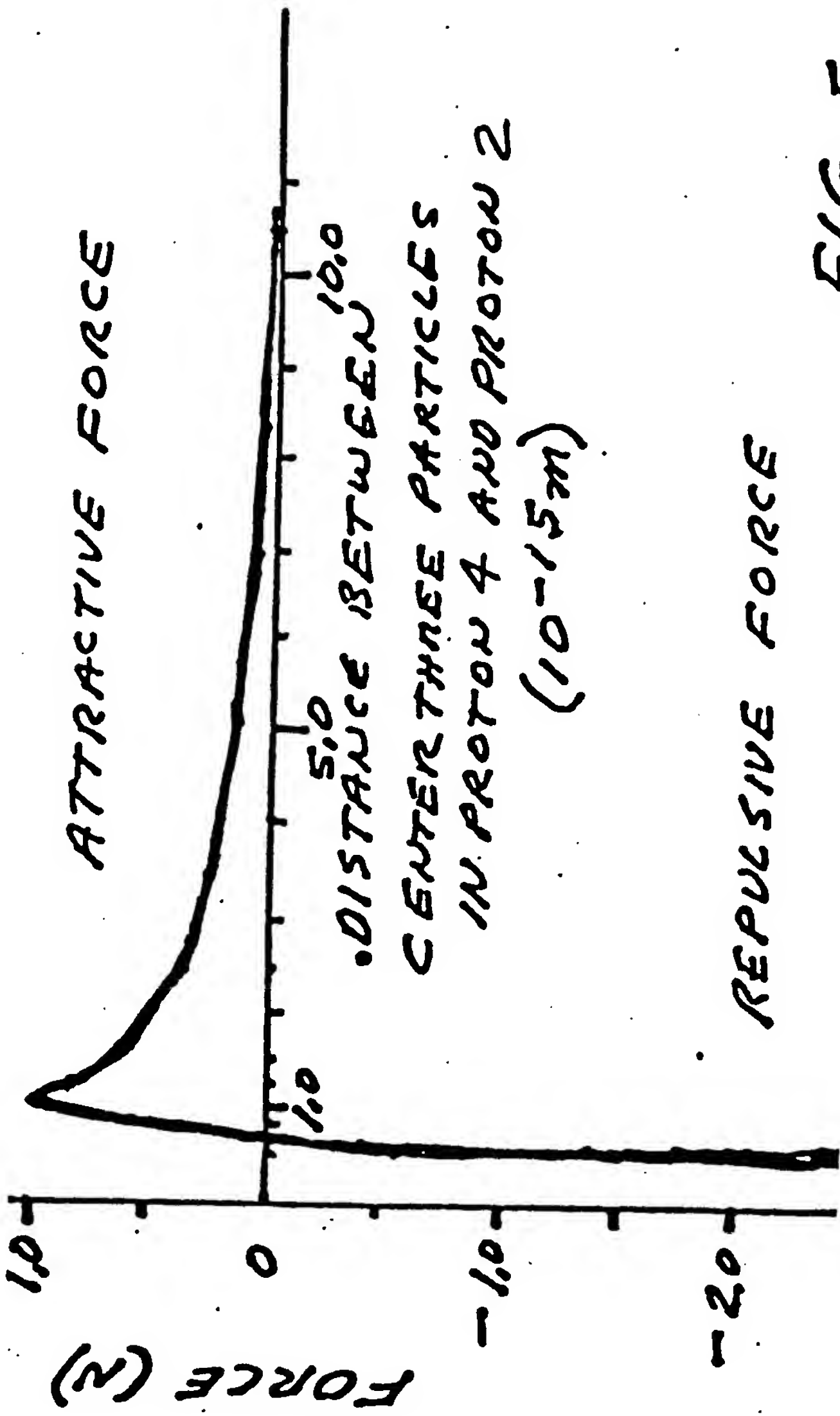


FIG. 5

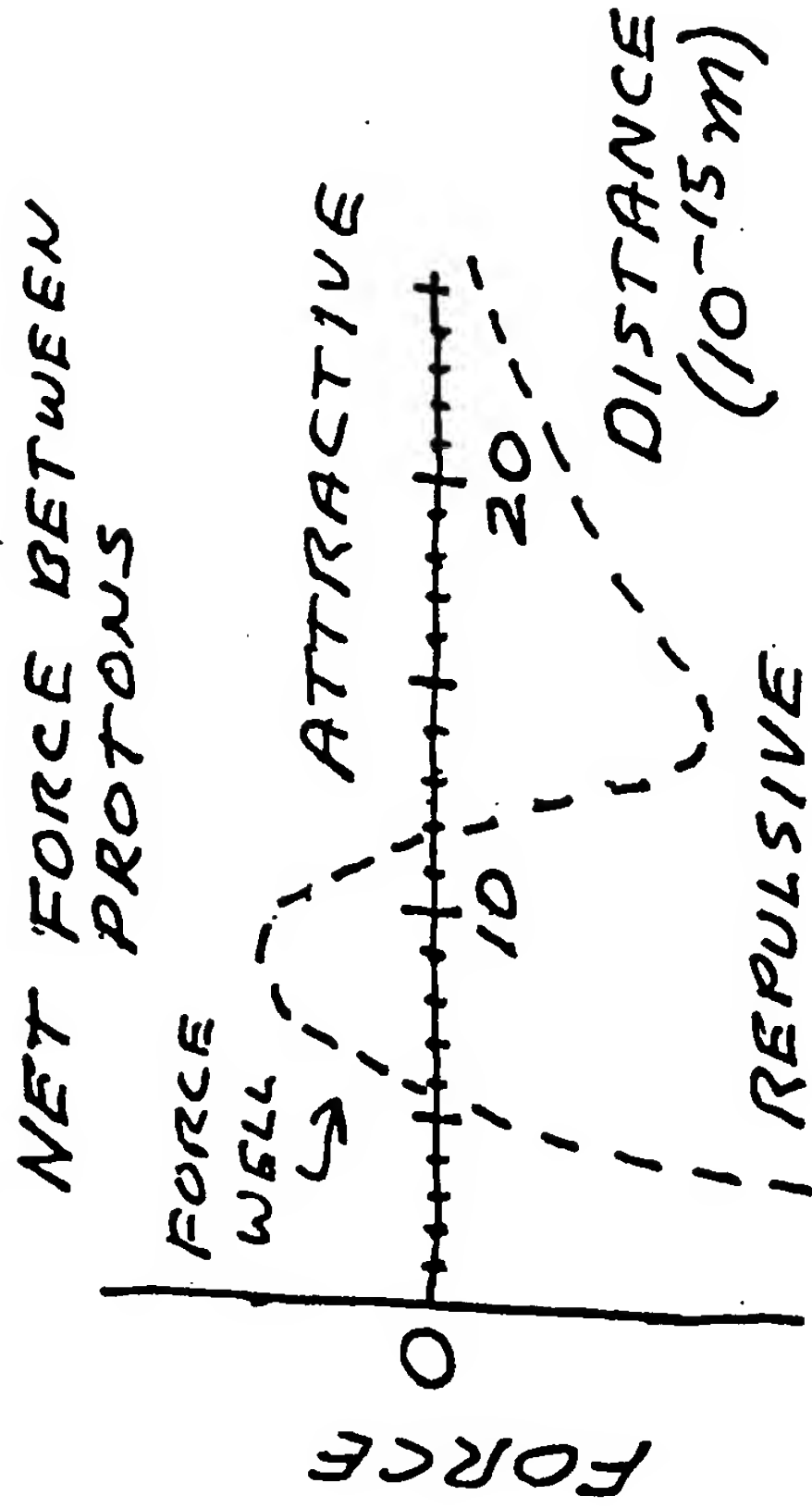


FIG. 5A

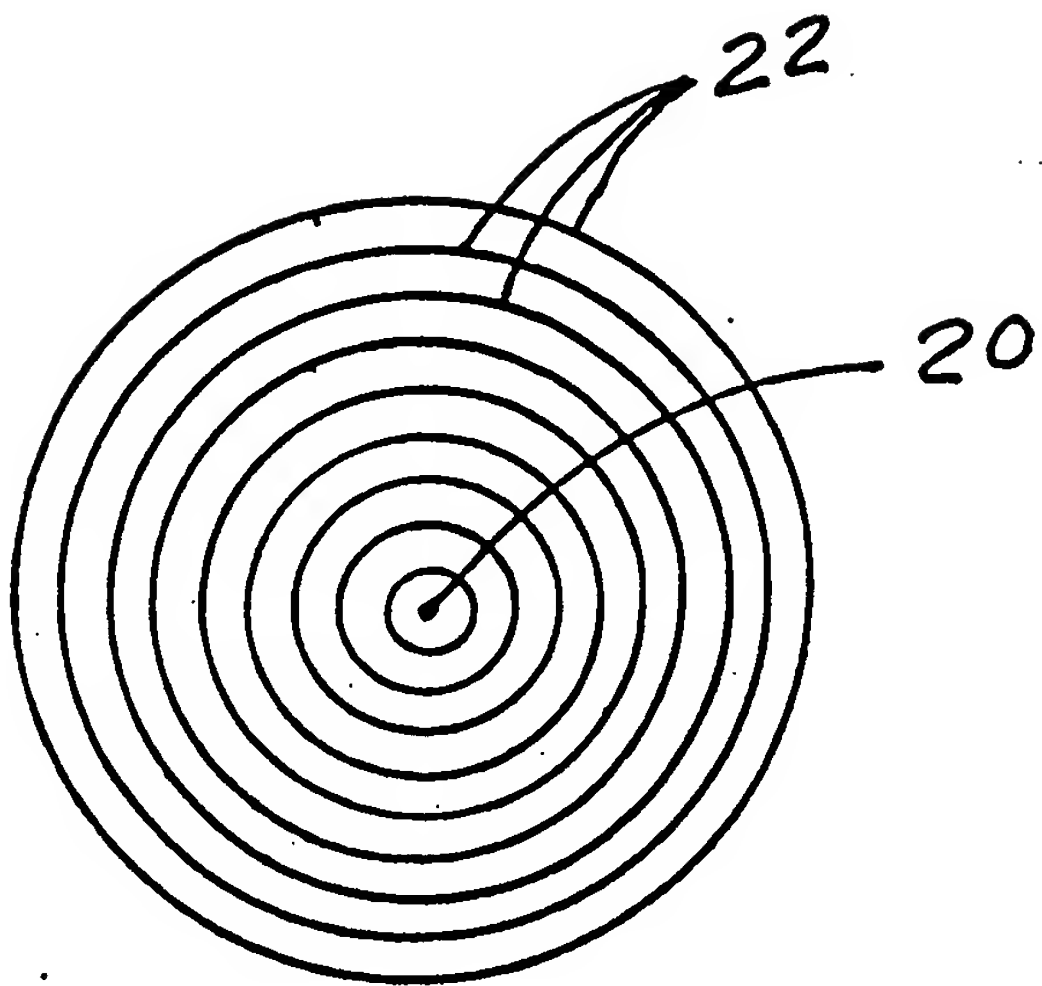


FIG. 6A

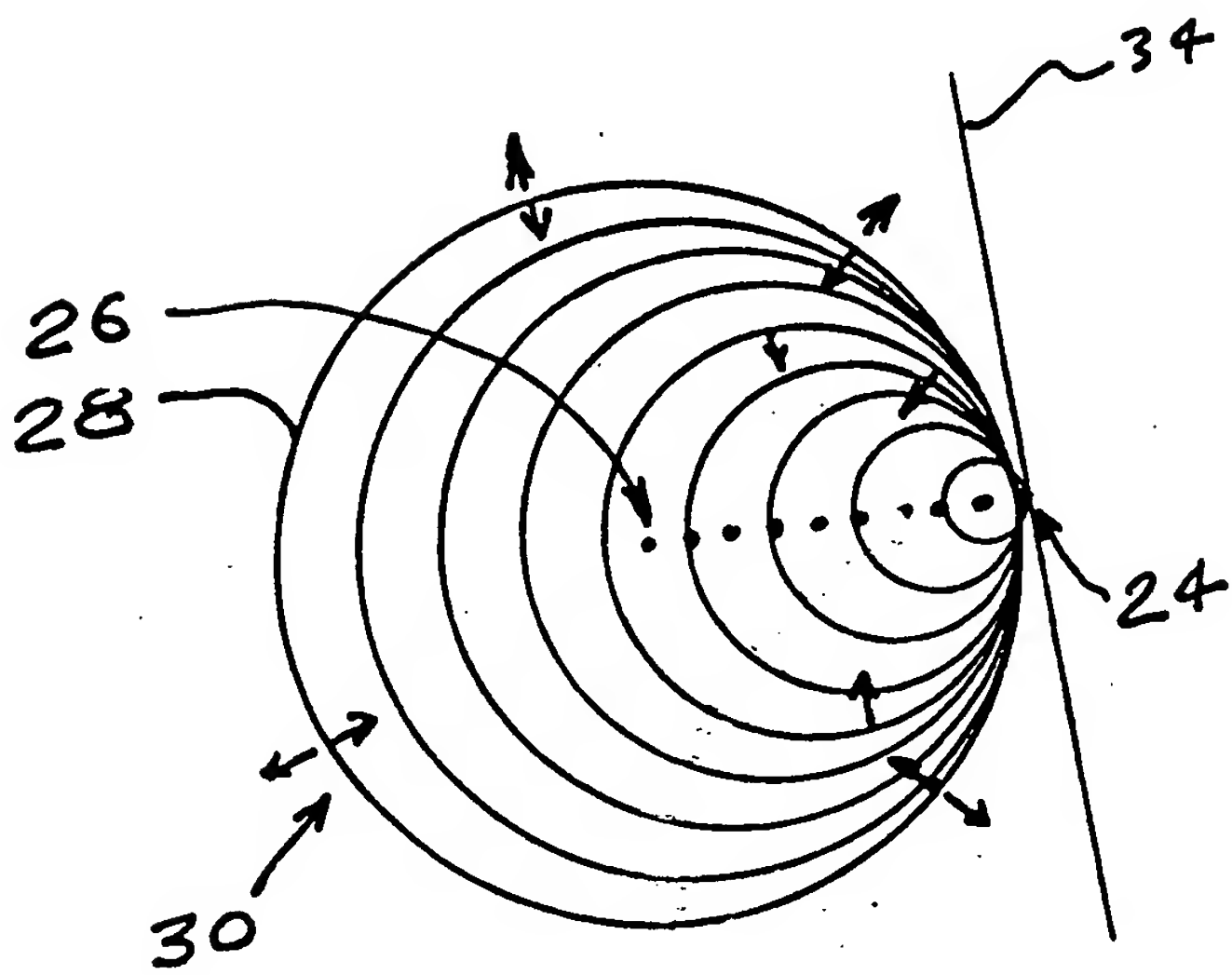


FIG. 6B

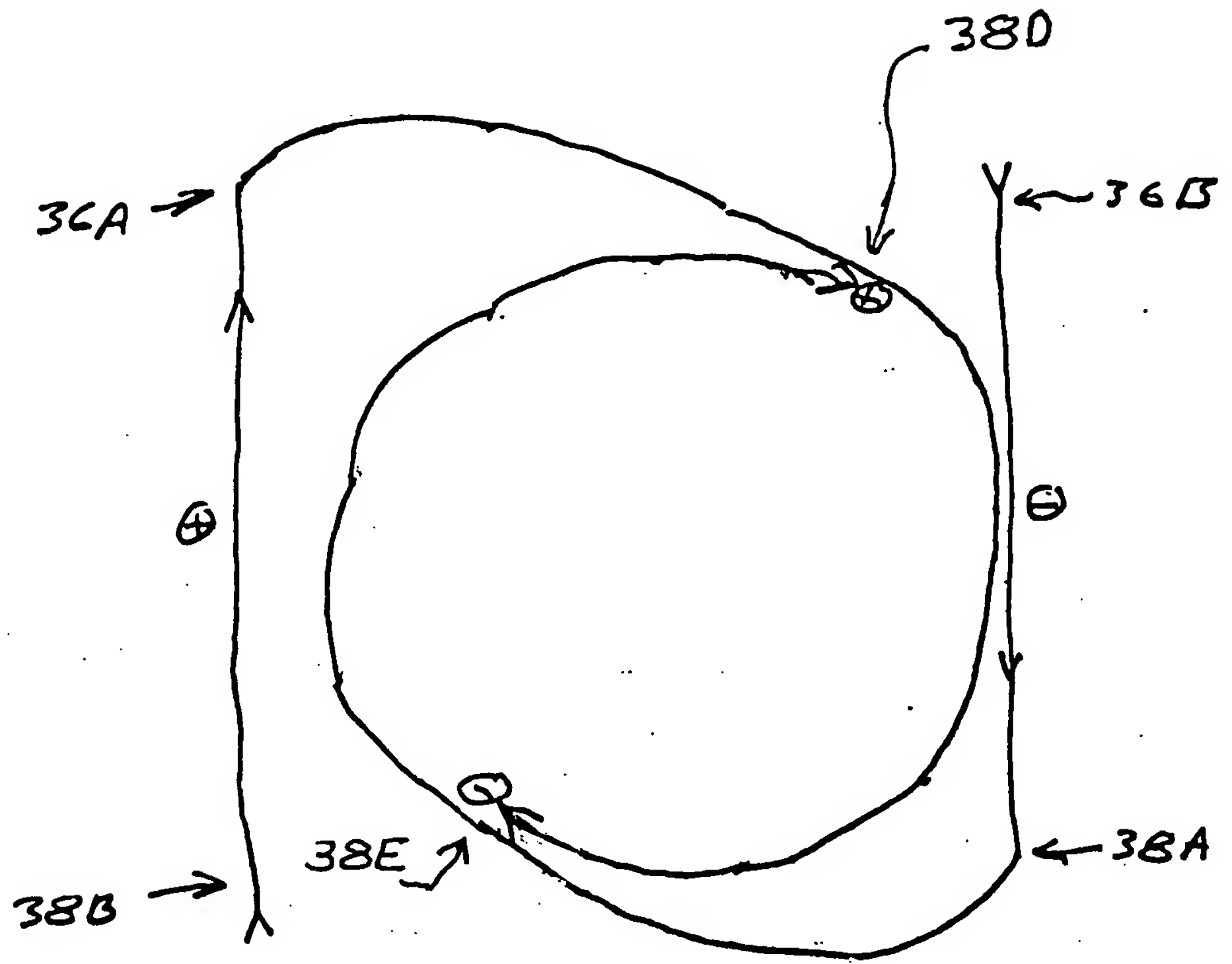


FIG. 6C

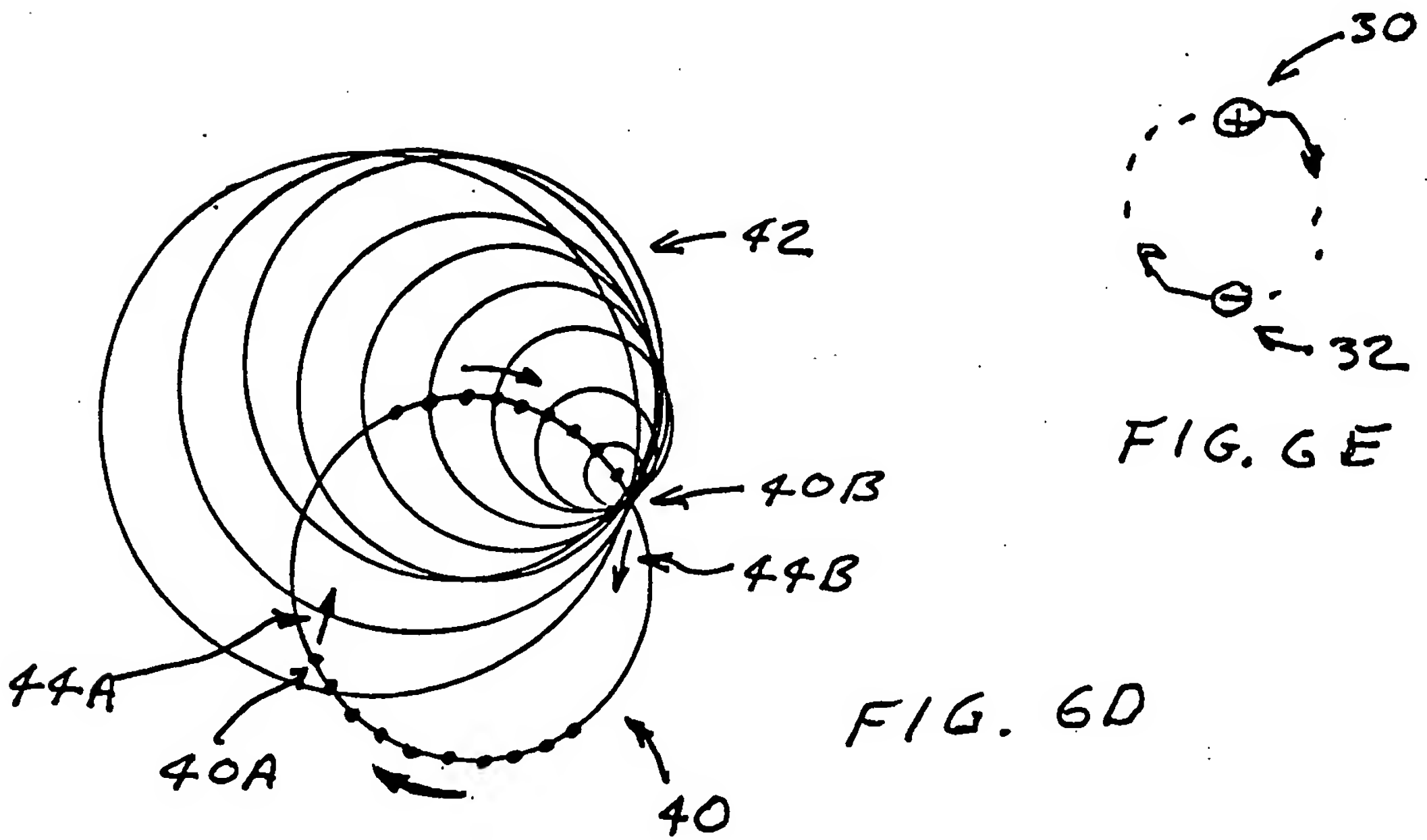


FIG. 6D

FIG. 6E

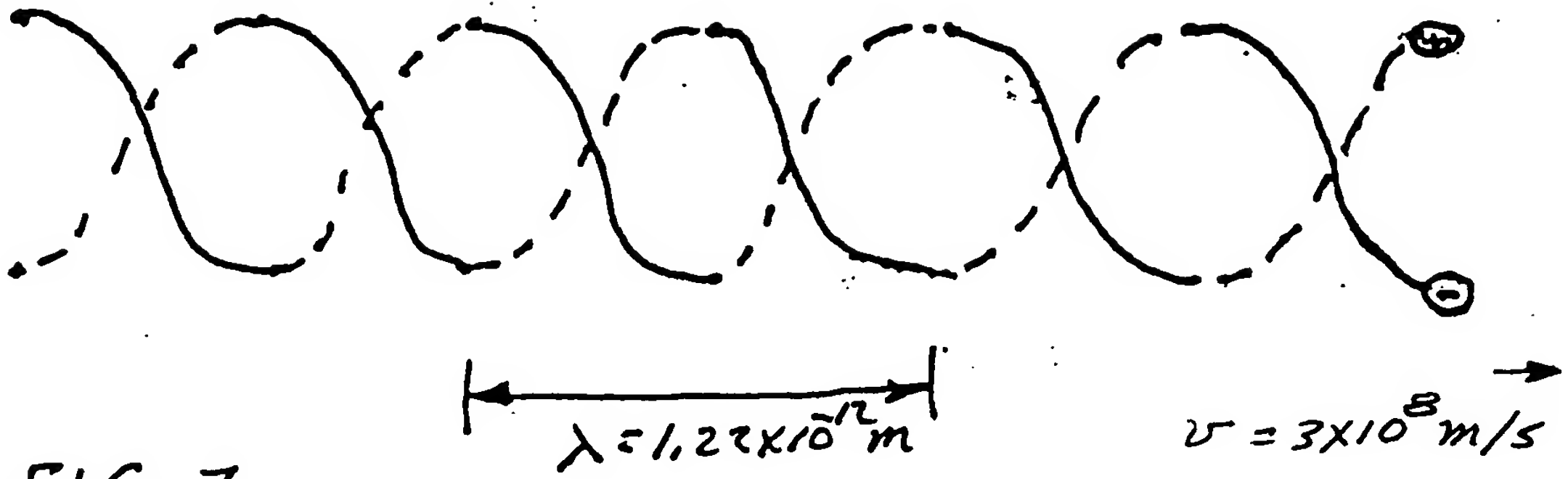


FIG. 7

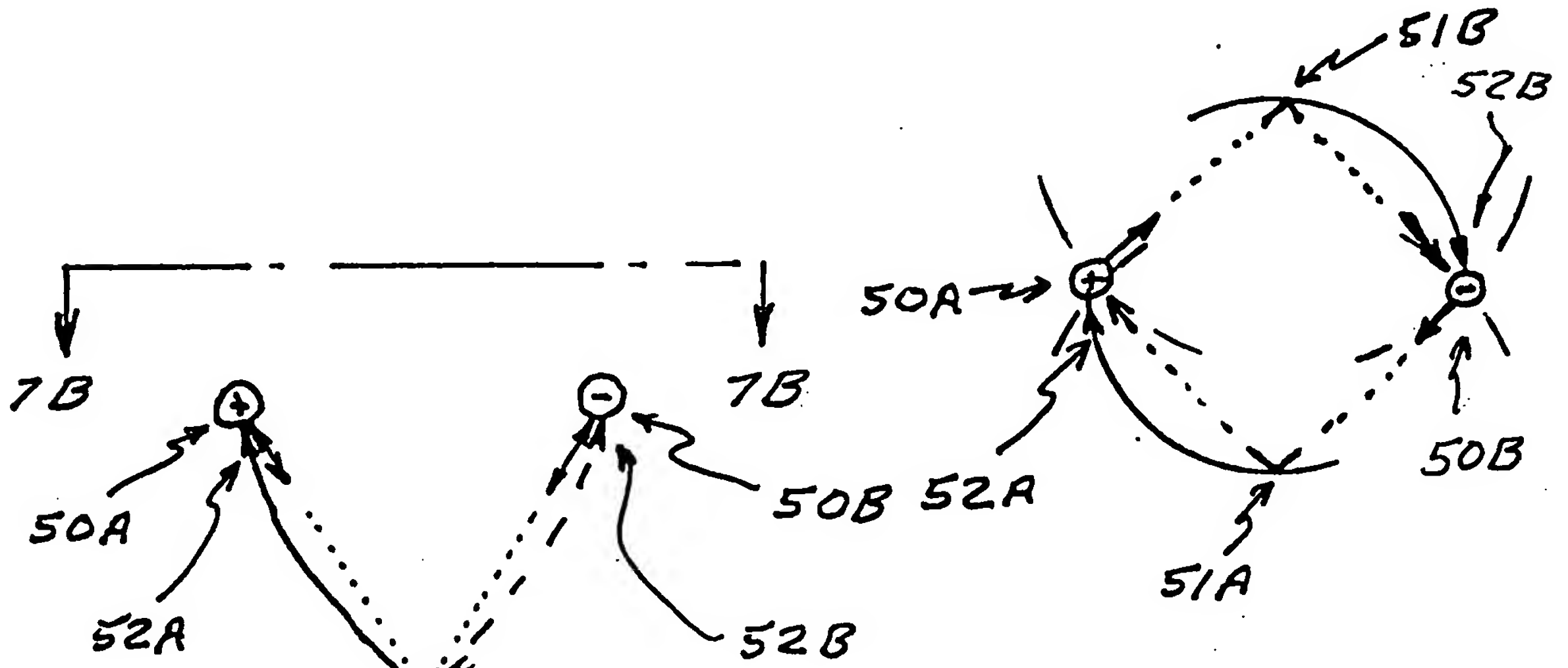


FIG. 7B

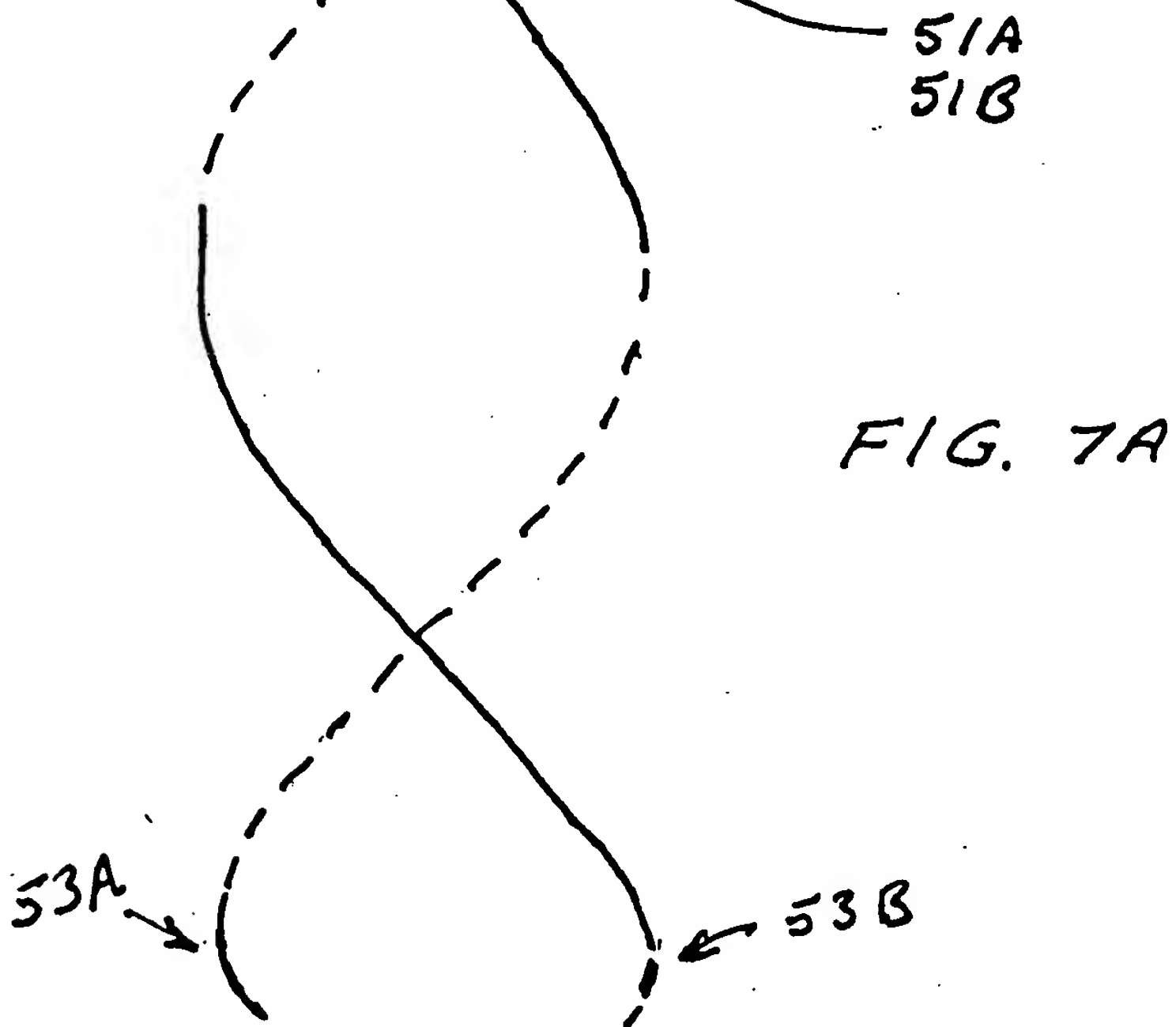


FIG. 7A

$\lambda$  = WAVELENGTH  
 $D$  = HELIX DIAMETER  
 $L$  = HELIX PATH IN ONE  $\lambda$   
 $C$  = SPEED OF LIGHT  
 $G$  = SPEED OF TRON FORCE  
 $Q$  = TRON SPEED

$$L = \sqrt{(\pi D)^2 + \lambda^2}$$

PERIOD

$$T = \frac{\lambda}{C}$$

$$T = \frac{L}{Q}$$

$$T = \frac{4K}{G}$$

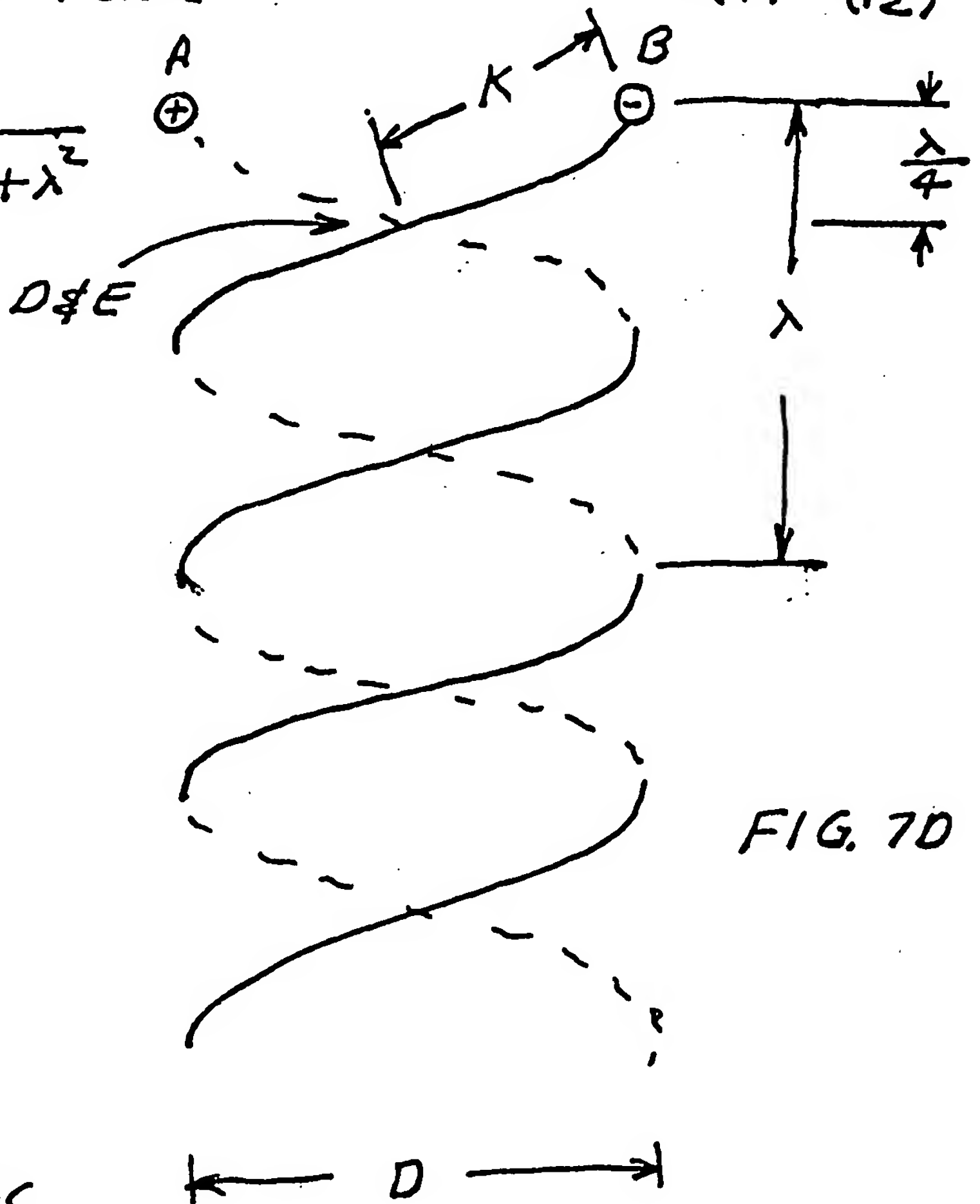
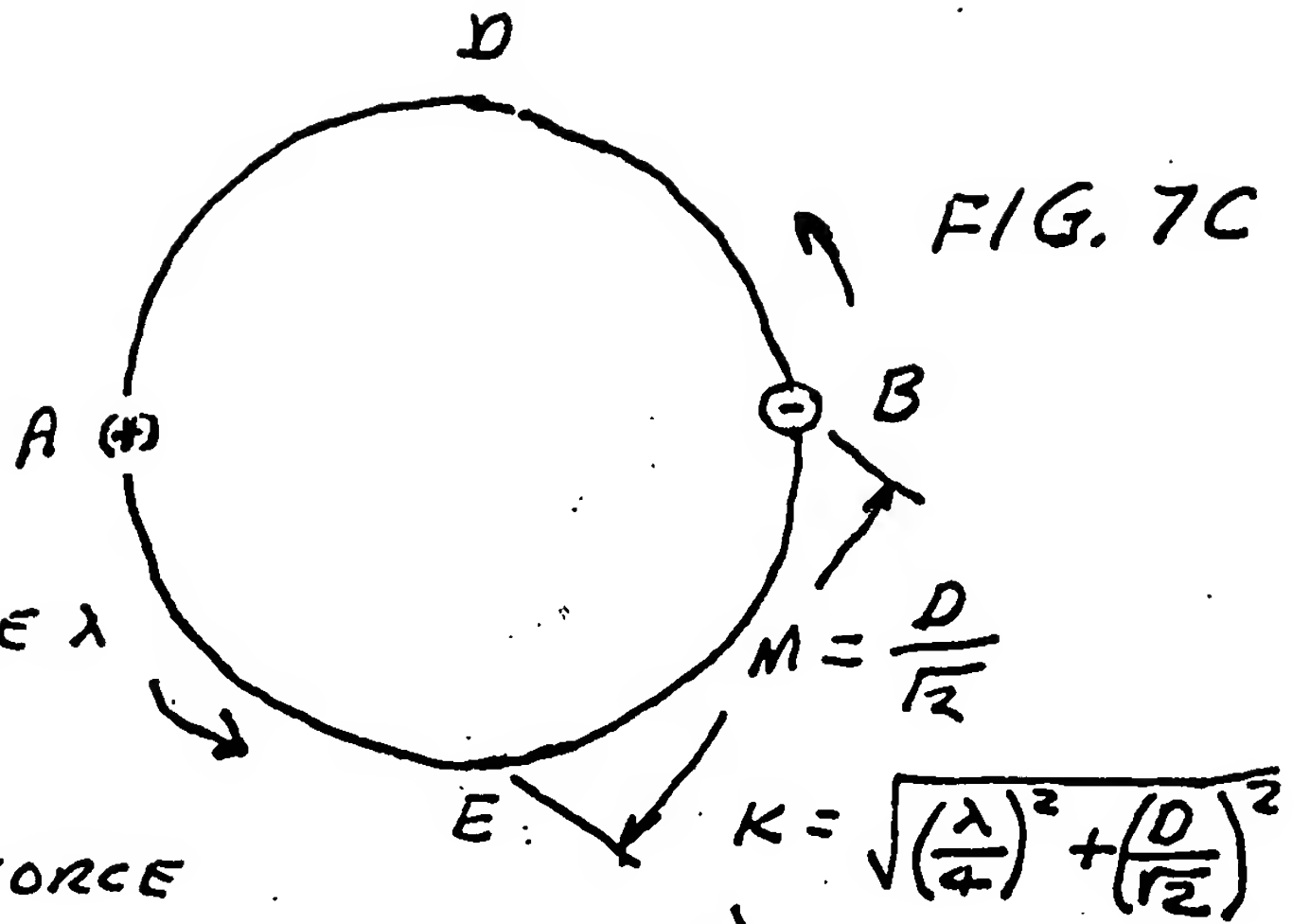
$$Q = \frac{\sqrt{(\pi D)^2 + \lambda^2}}{\lambda} C$$

$$G = \sqrt{1 + \frac{8D^2}{\lambda^2}} C$$

IF  $\lambda = D$

$$Q = \sqrt{\pi^2 + 1} C = 3.29C$$

$$G = 3C$$



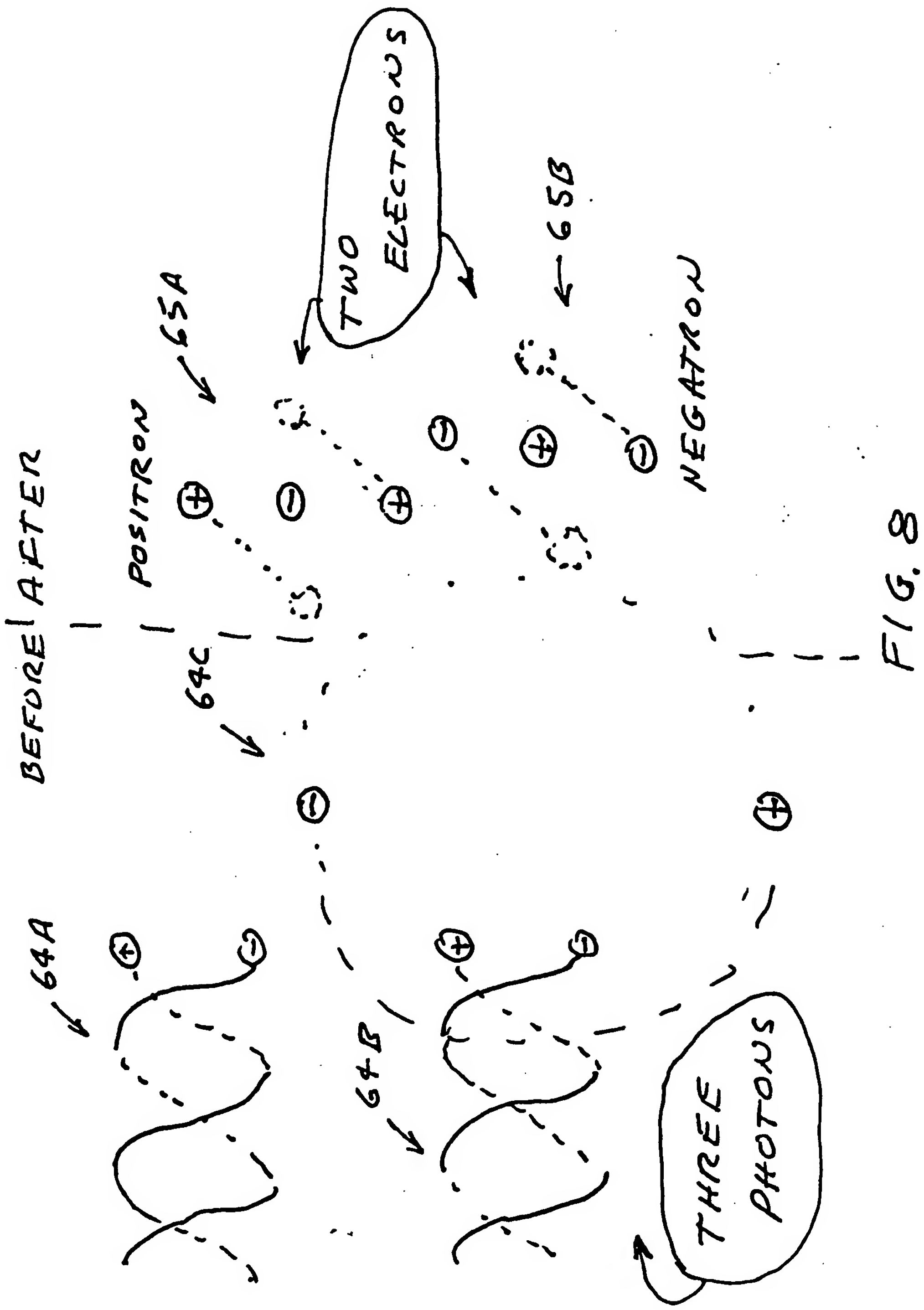
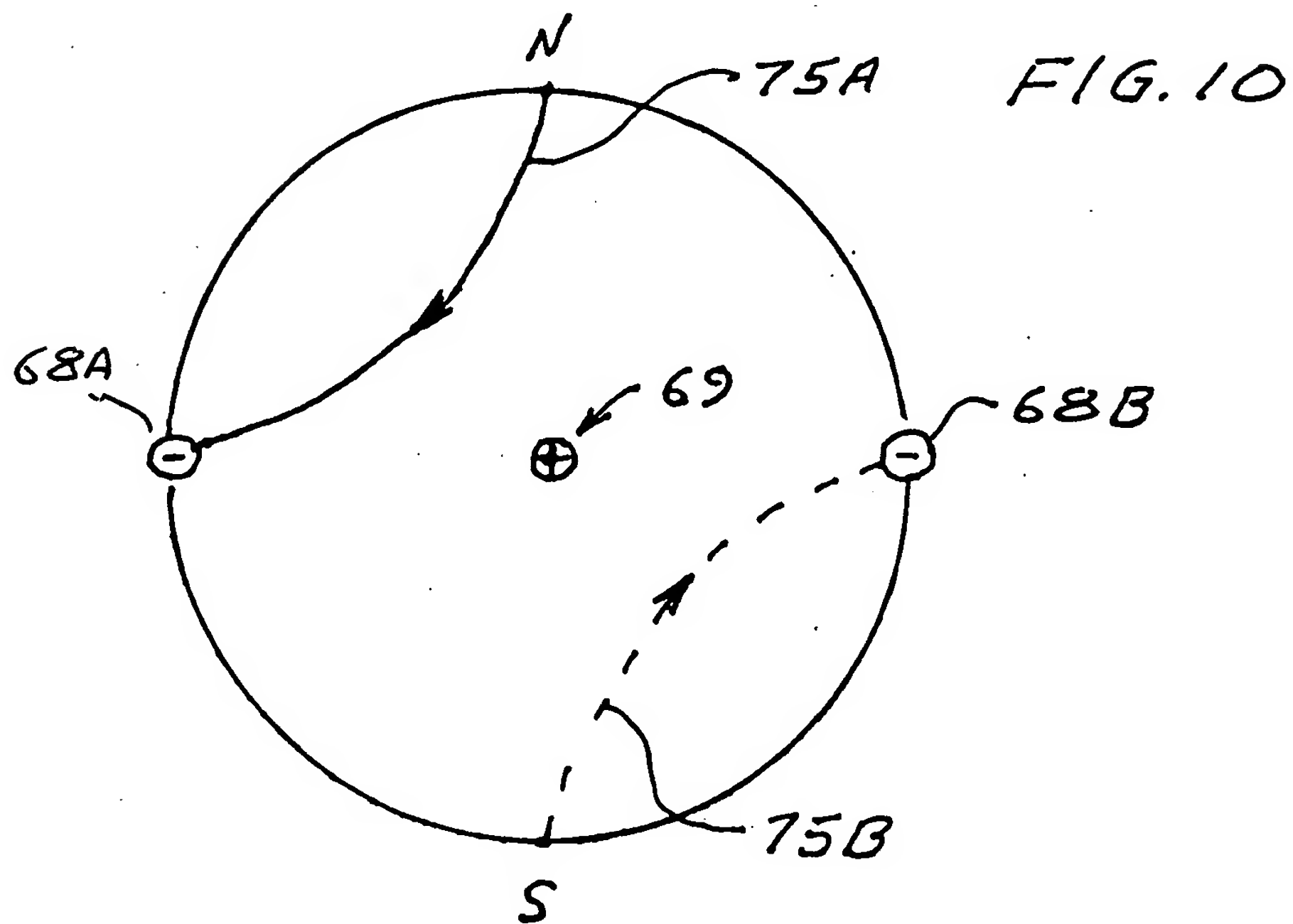
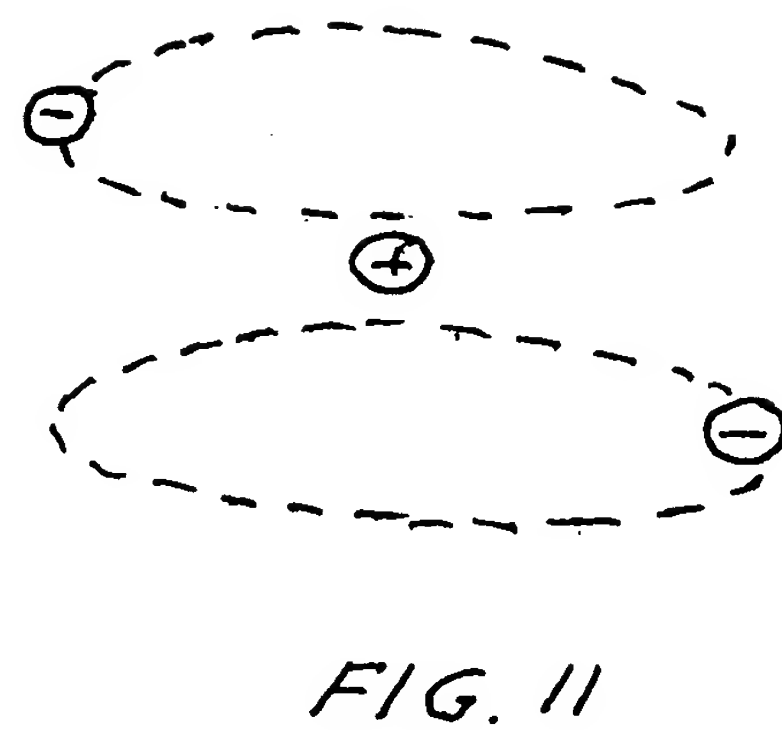
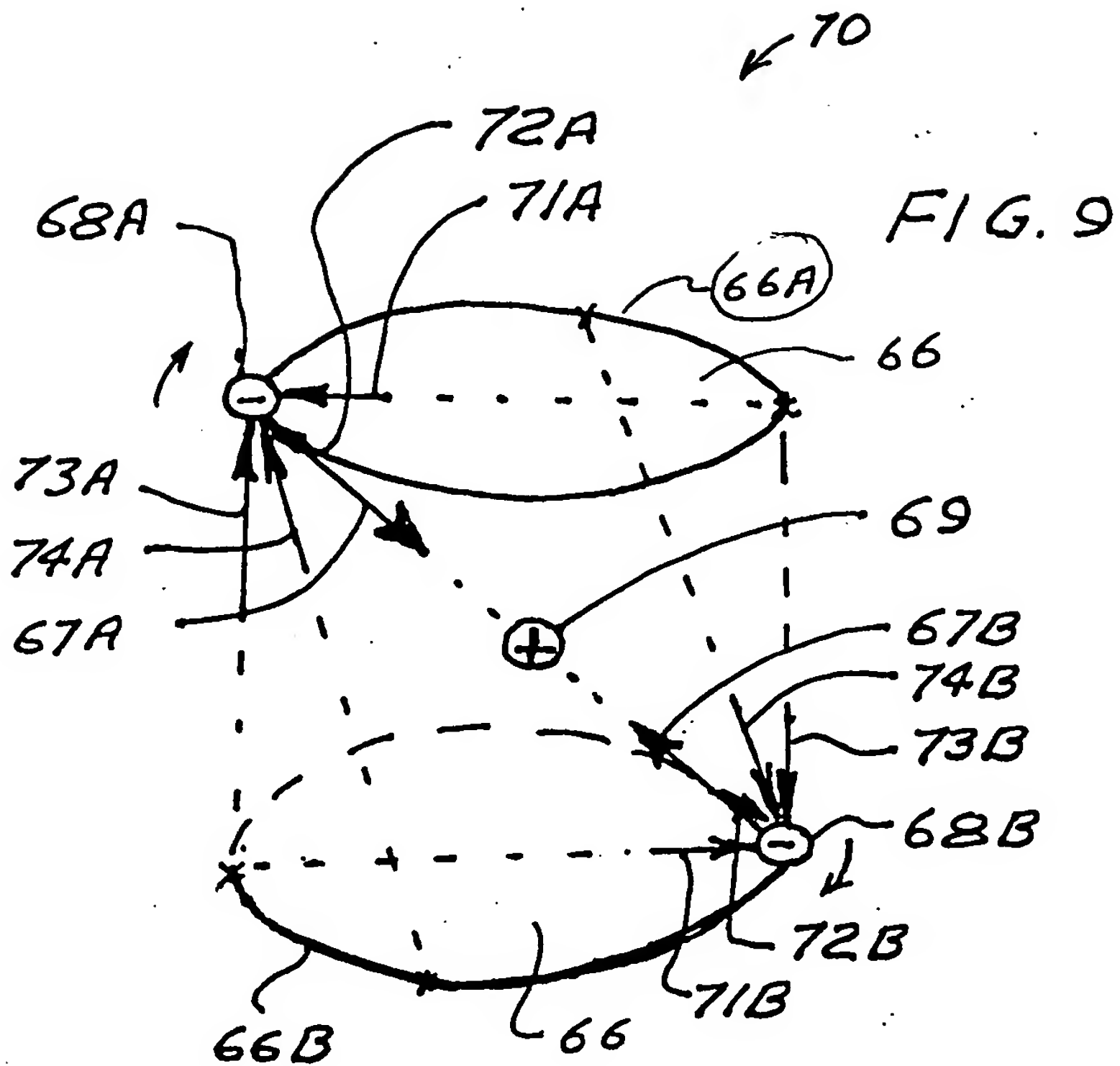


FIG. 8





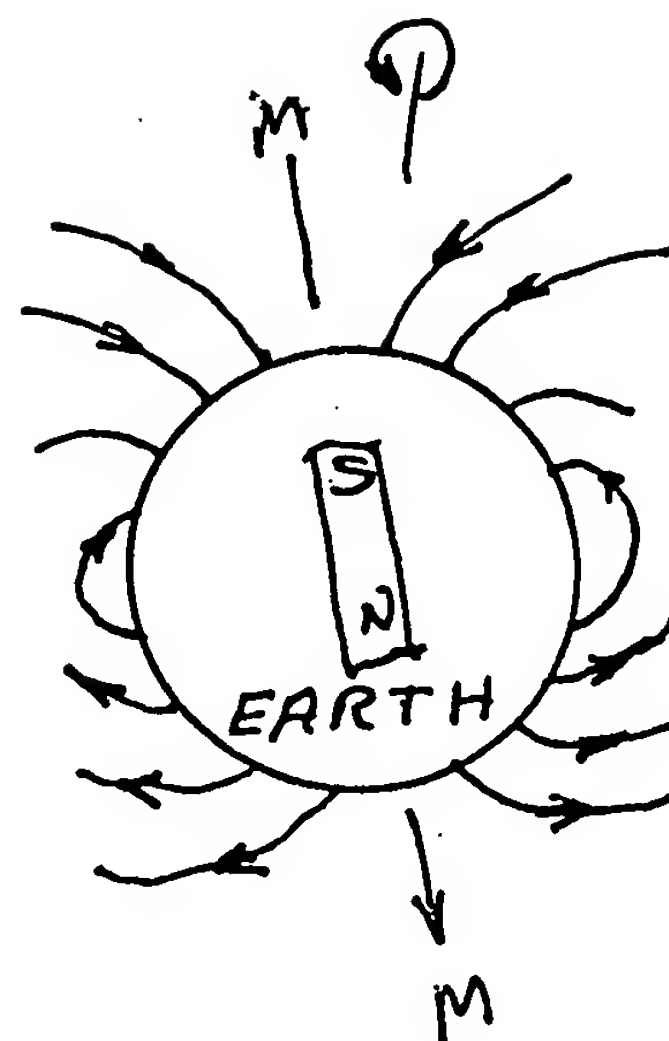
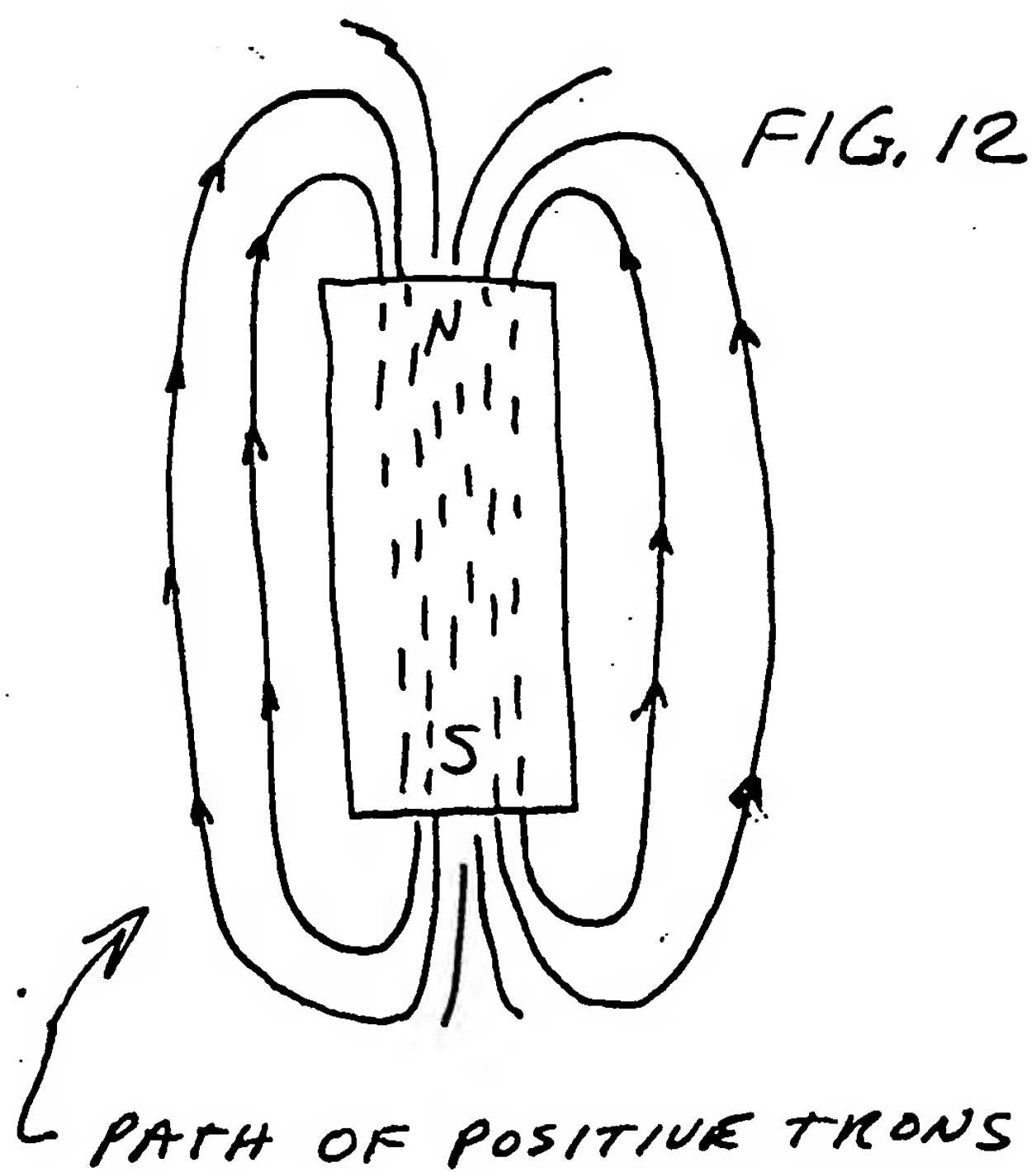


FIG. 12A

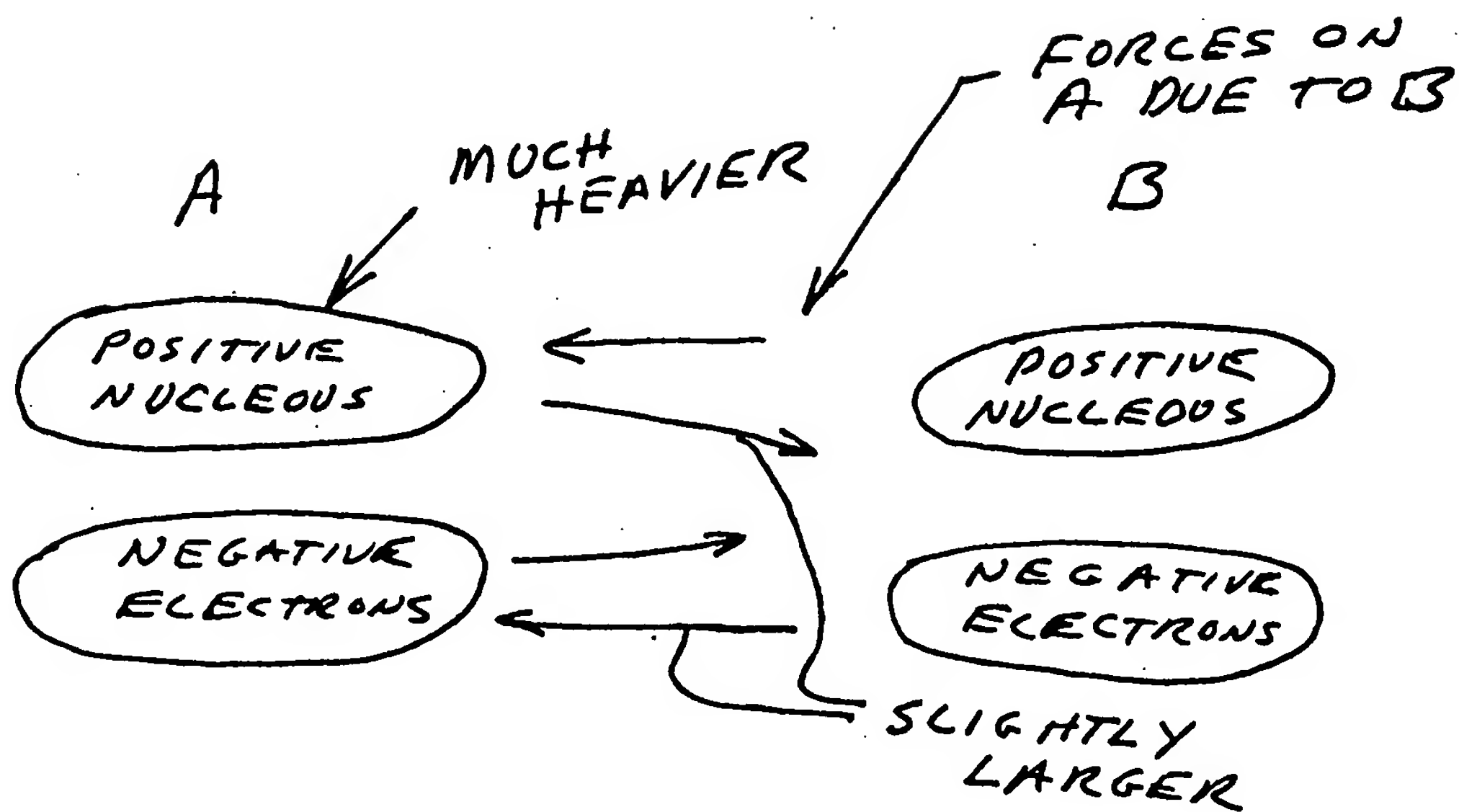


FIG. 13

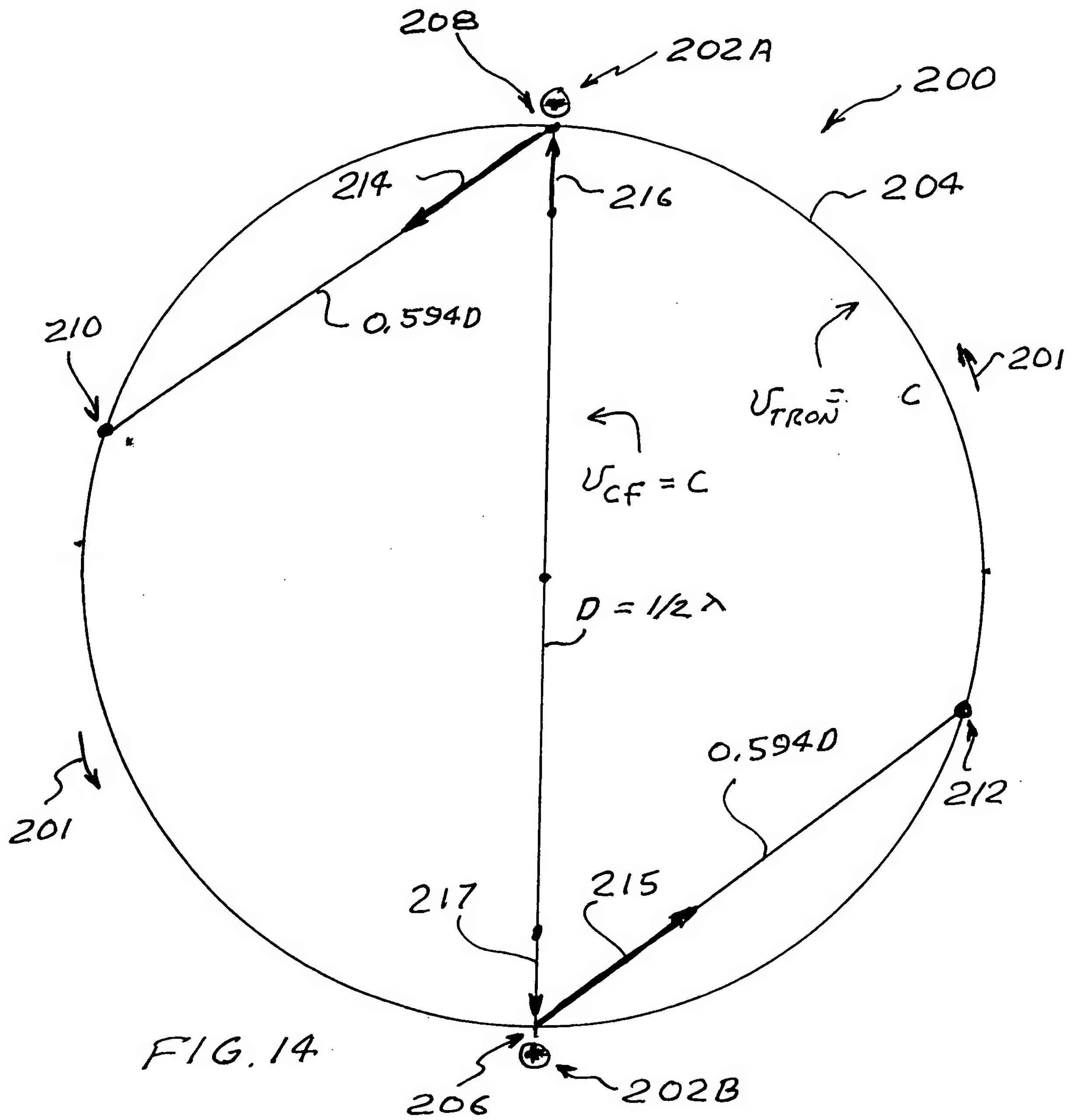
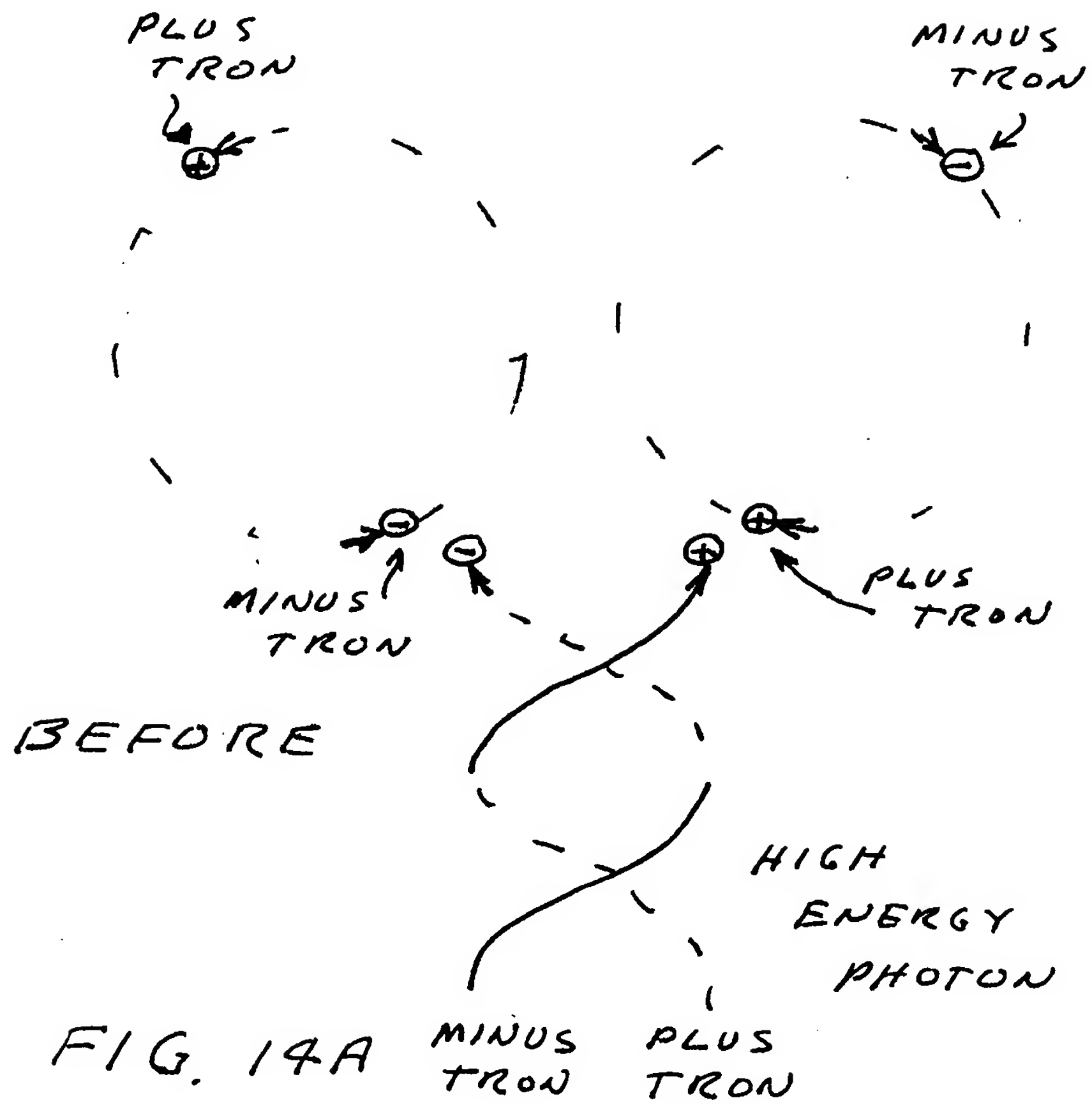
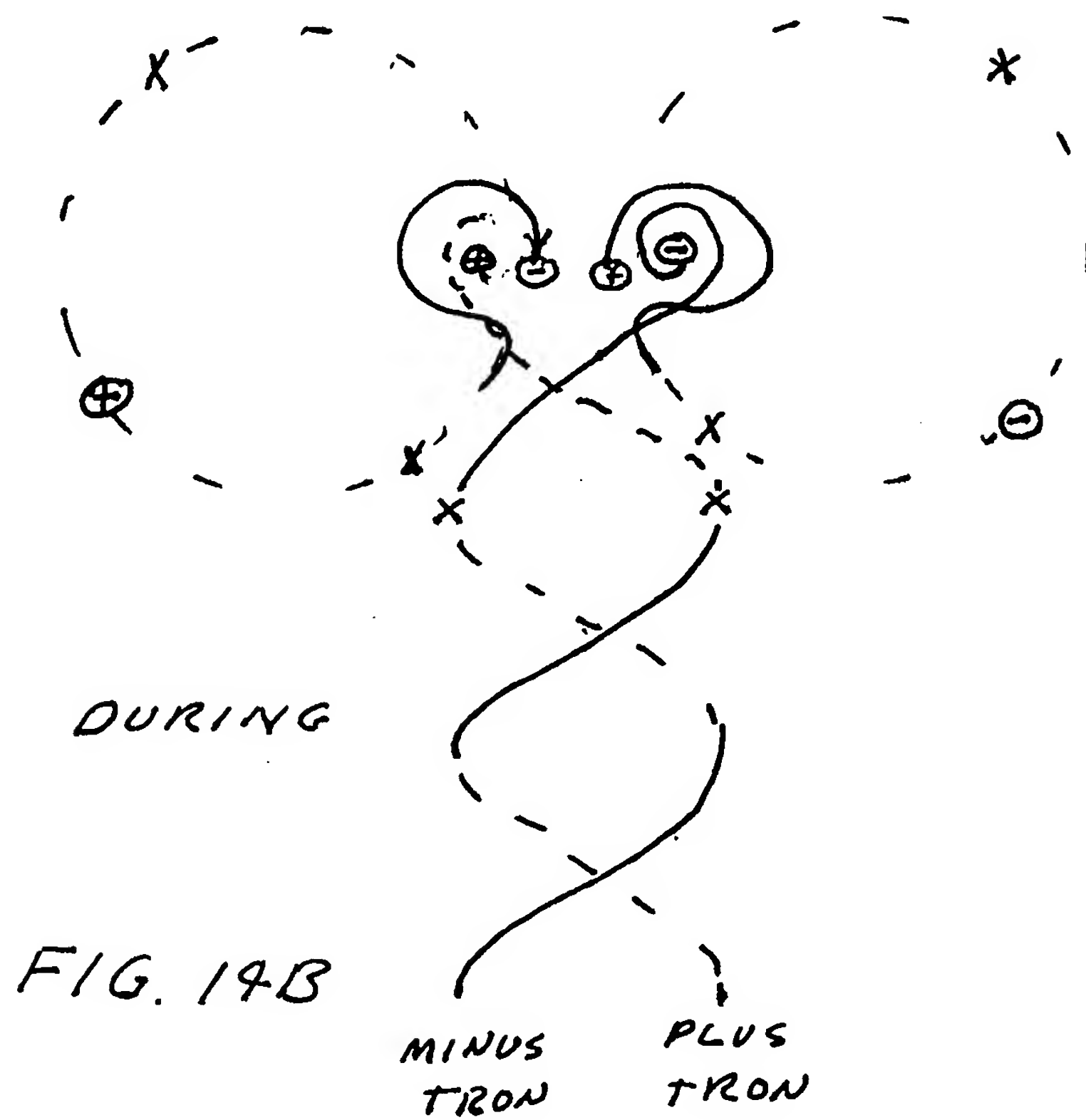
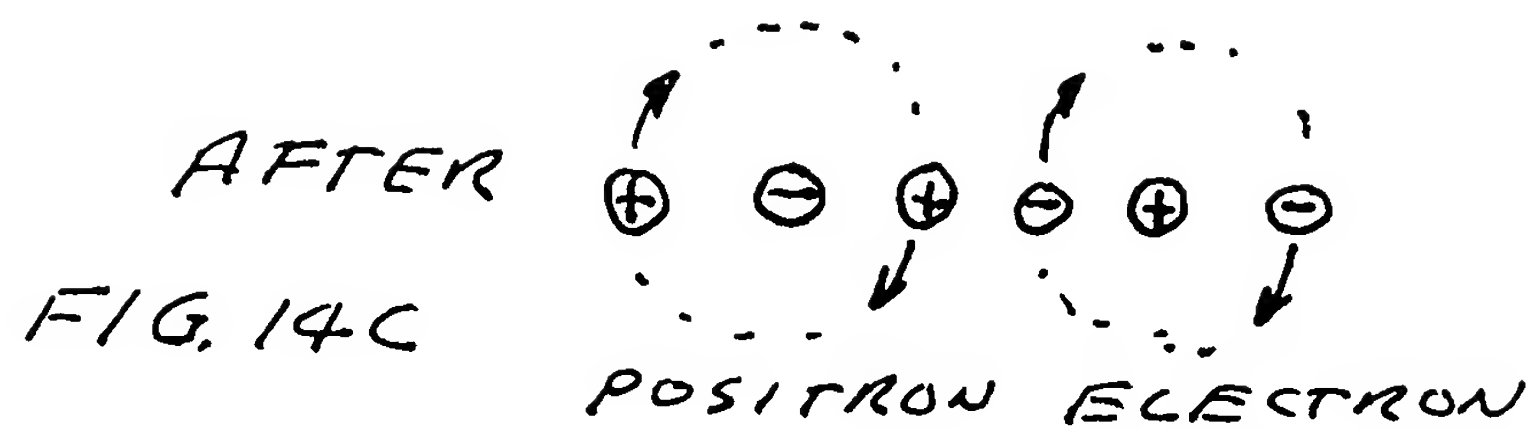
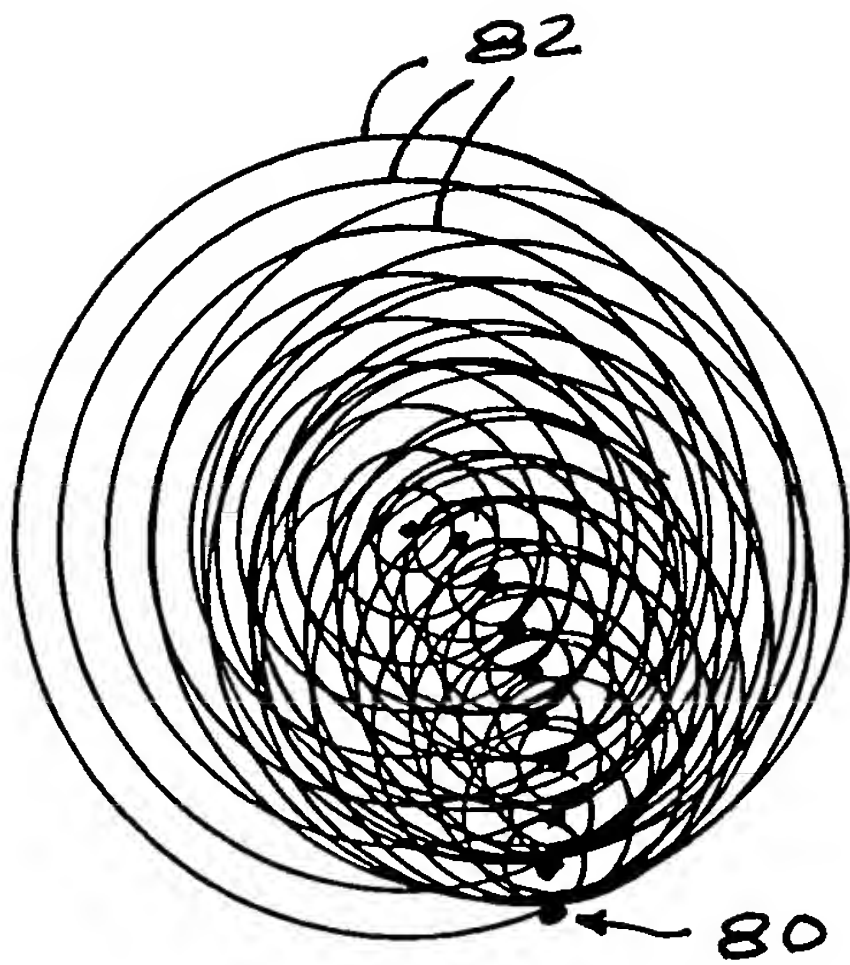


FIG. 14

# PAIR PRODUCTION



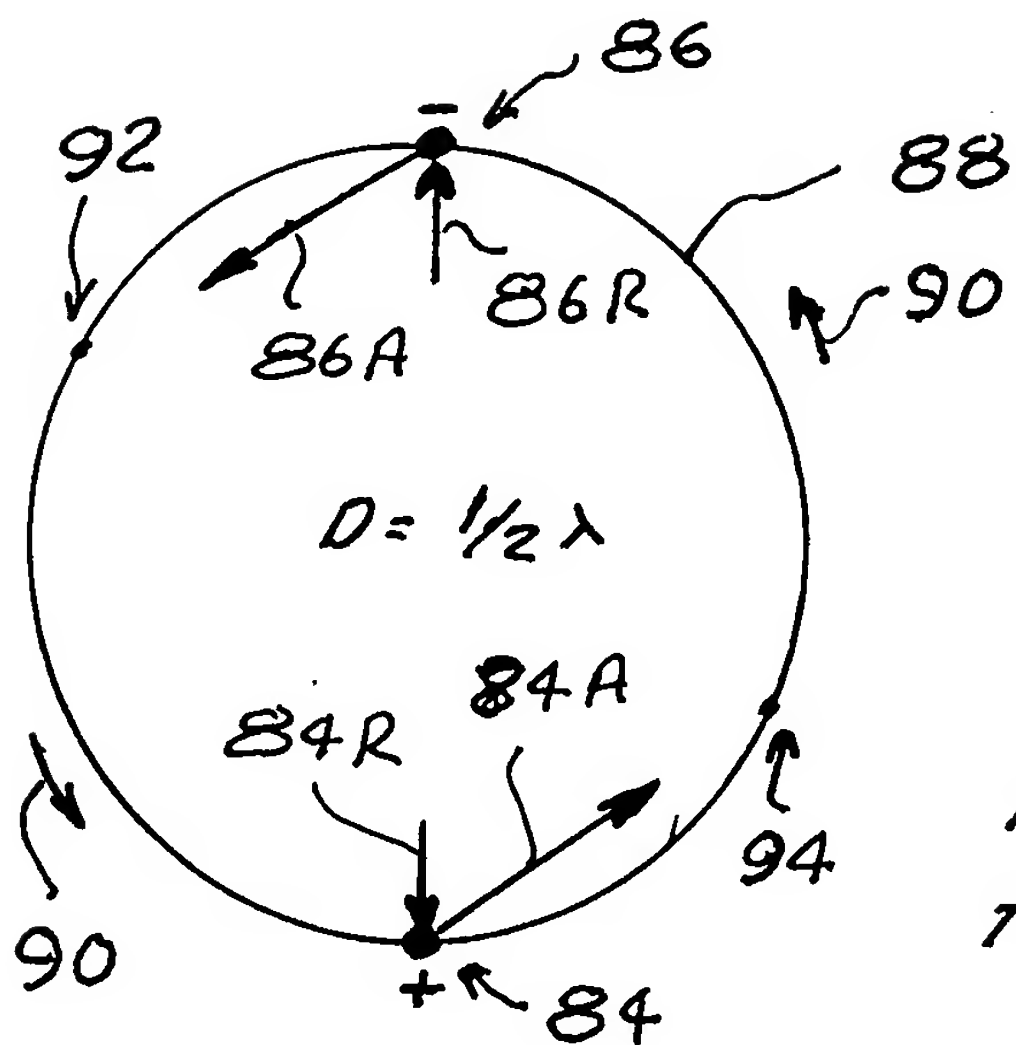




SINGLE TRON  
PUSHED BY ITS  
OWN FORCE  
FIELD

SPEED OF FORCE  
FIELD =  $C = 3 \times 10^8 \text{ m/s}$

FIG. 15A



TRON PAIR  
IN ORBIT

ORBIT PERIOD

$$T = \frac{1}{f} = \frac{\lambda}{C} = \frac{\lambda}{3 \times 10^8 \text{ m/s}}$$

IF  $\lambda = 3 \times 10^{-6} \text{ m}$

$$T = 1 \times 10^{-14} \text{ SEC}$$

FIG. 15B

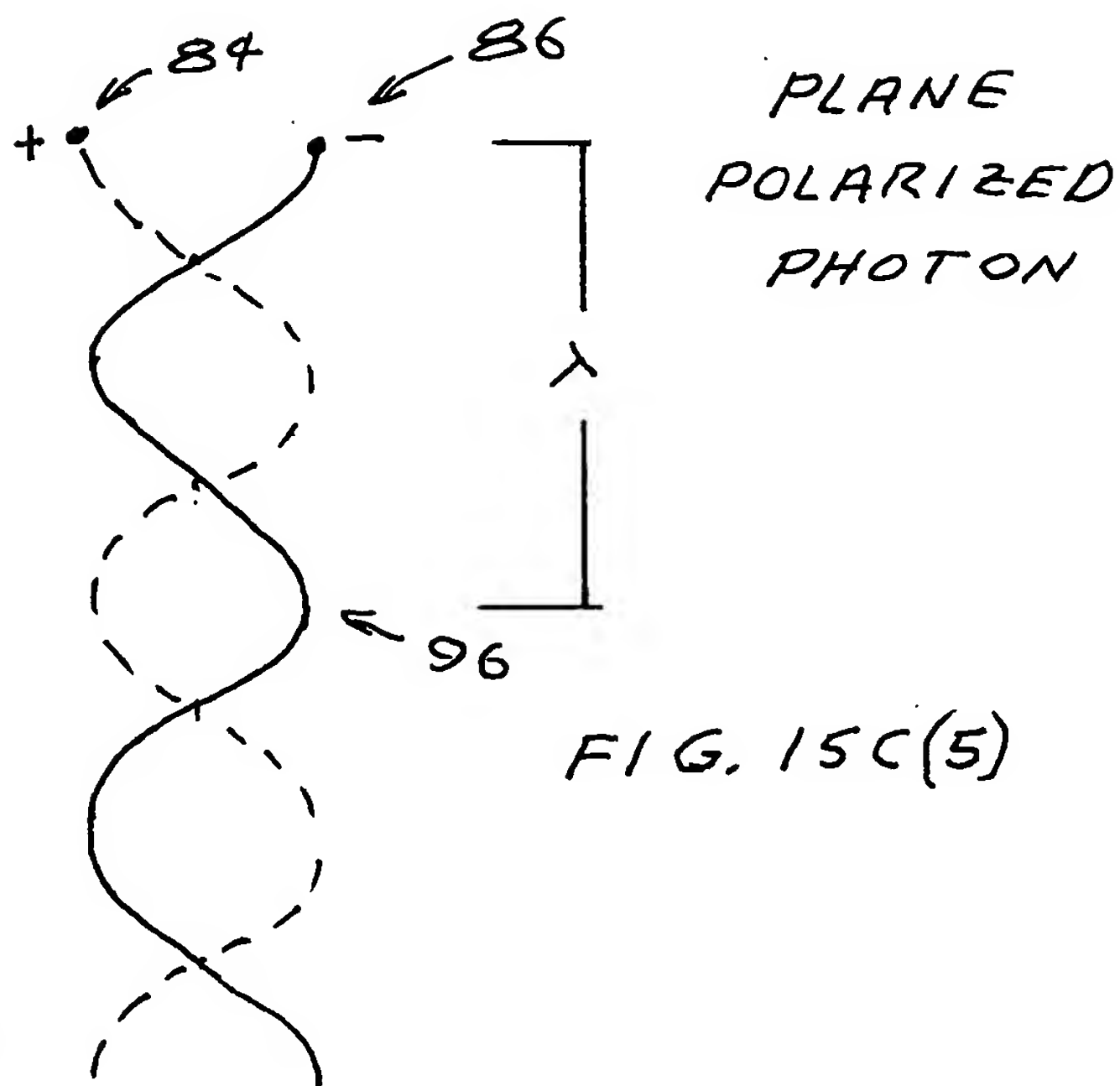
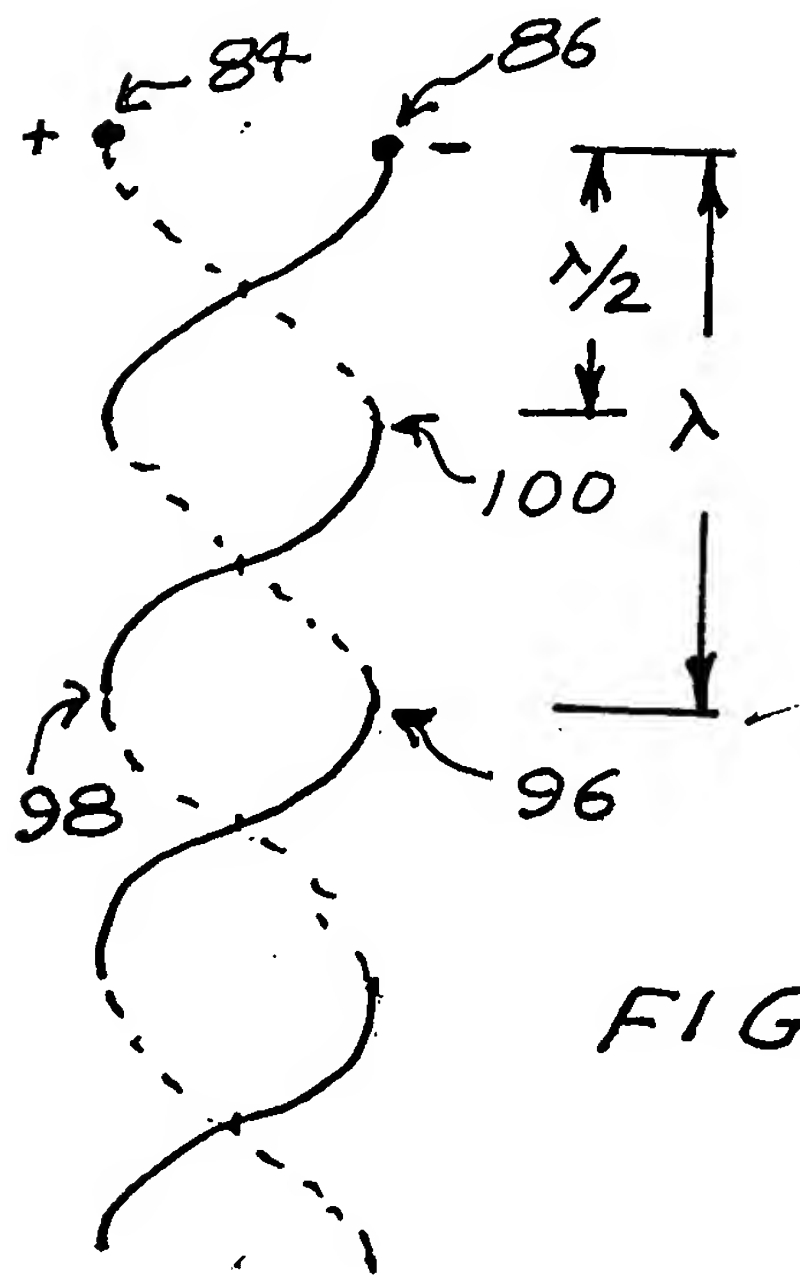
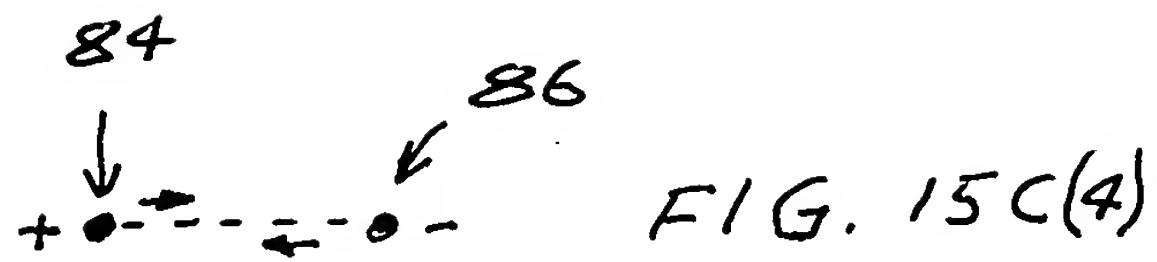
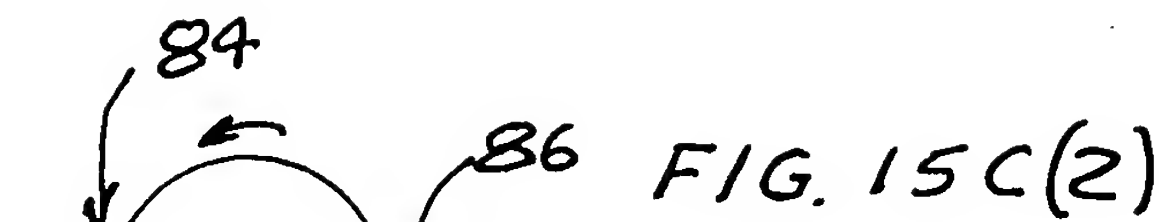


FIG. 15C(1)

FIG. 15C(5)

$$\left| \frac{\lambda}{2} \right|$$

PHOTON

$$\text{SPEED} = C = 3 \times 10^8 \text{ m/s}$$

$$10^{-15} \text{ m} < \lambda < 10^8 \text{ m}$$

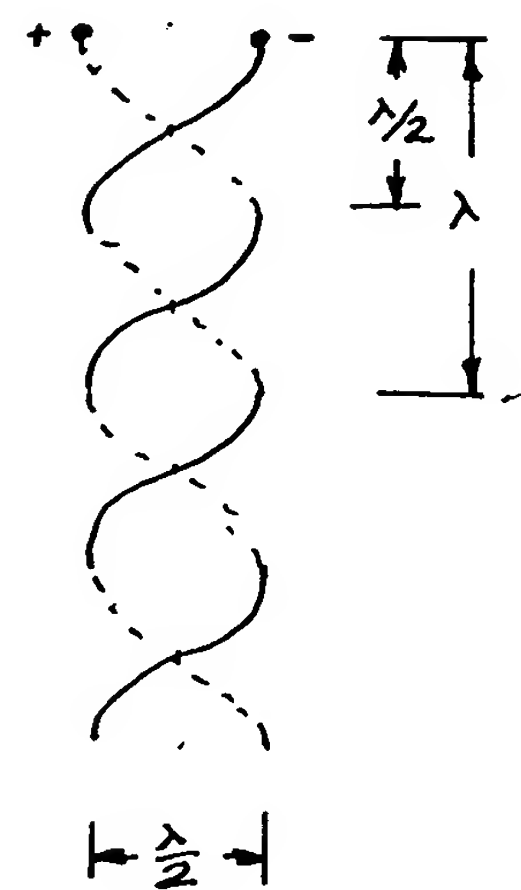
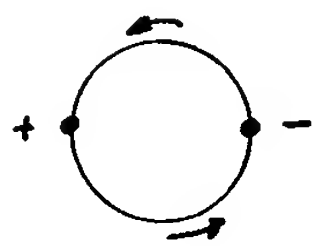


FIG. 15C(3)

NEUTRINO

$$\lambda < 10^{-15} \text{ m}$$

FIG. 15D(3)

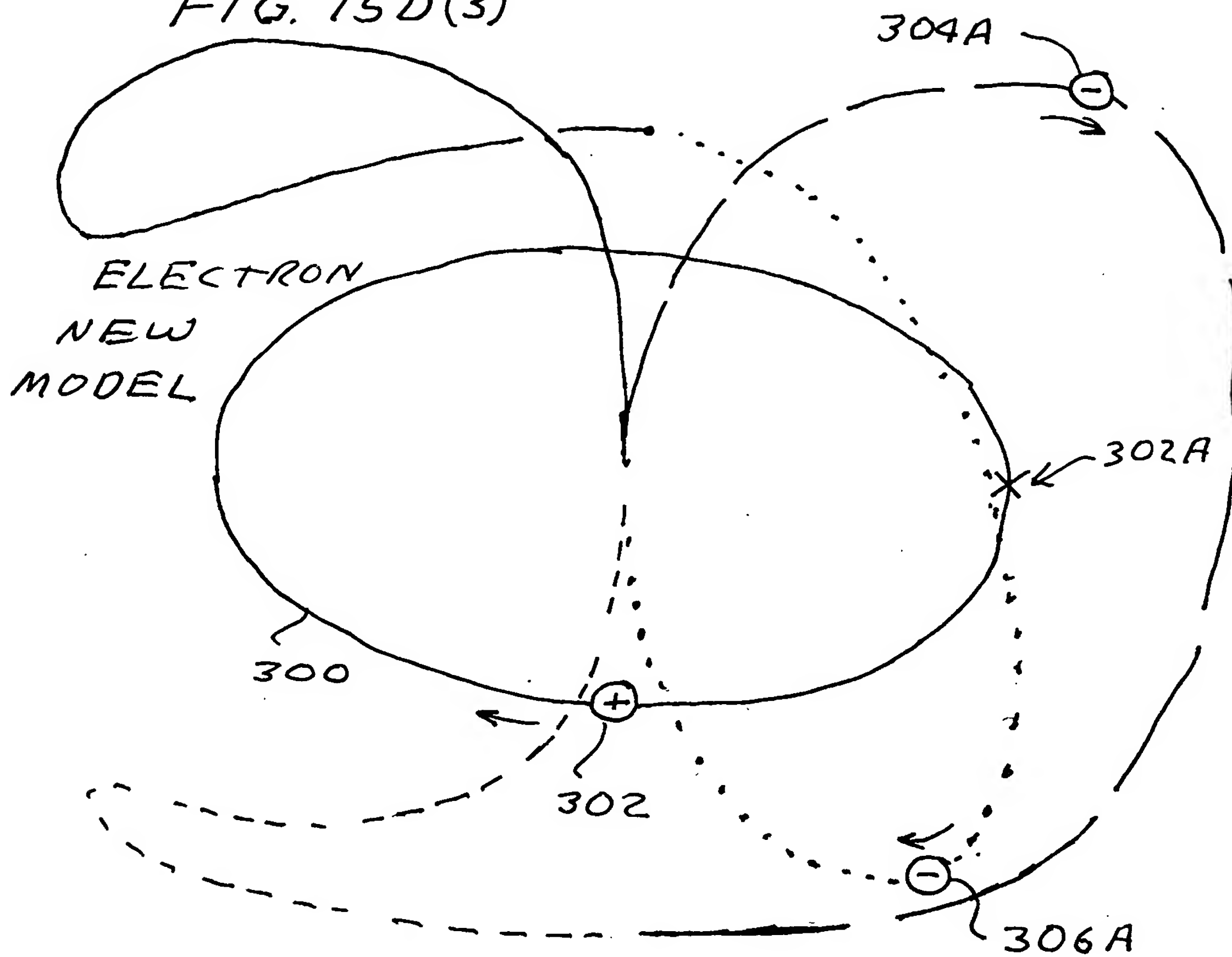


FIG. 15D (1)

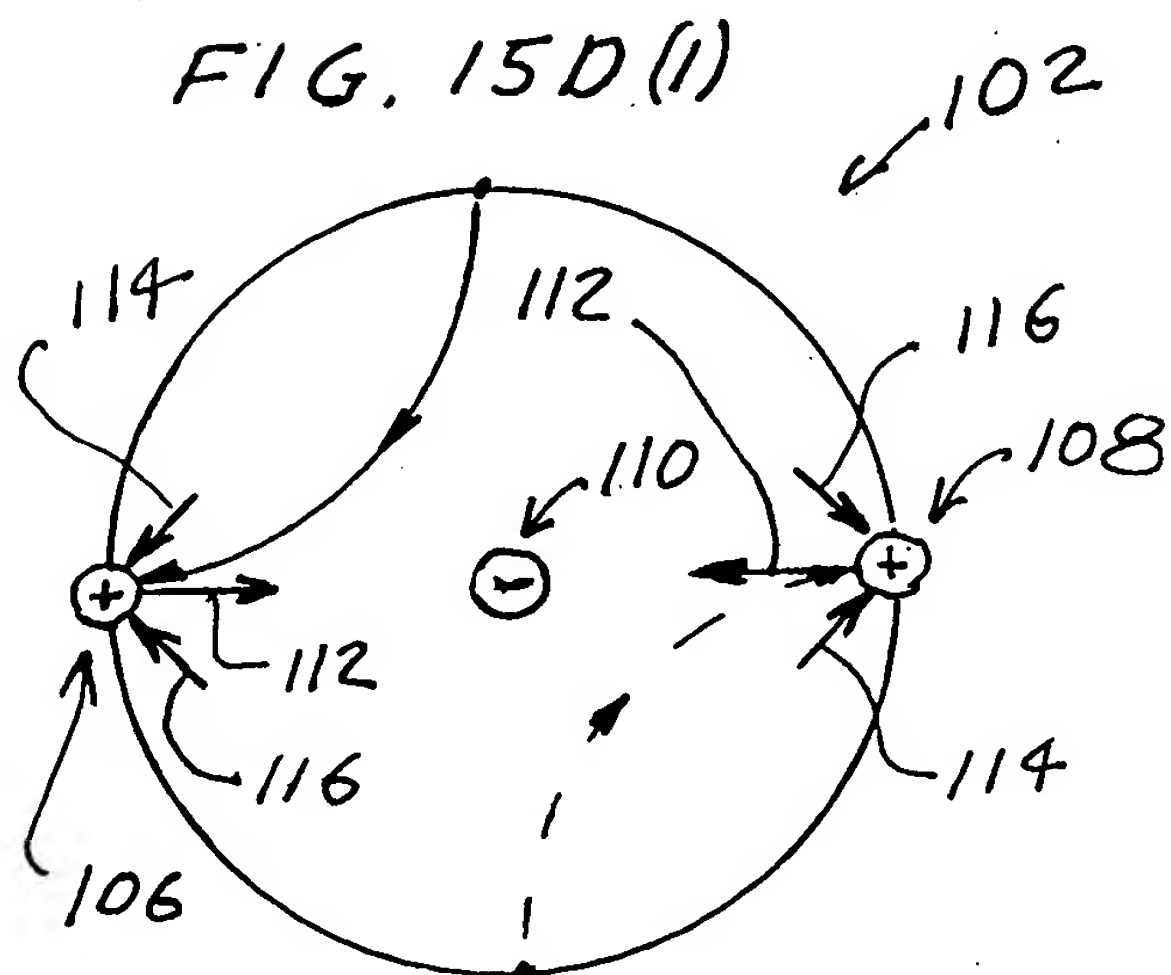


FIG. 15D(2) -104

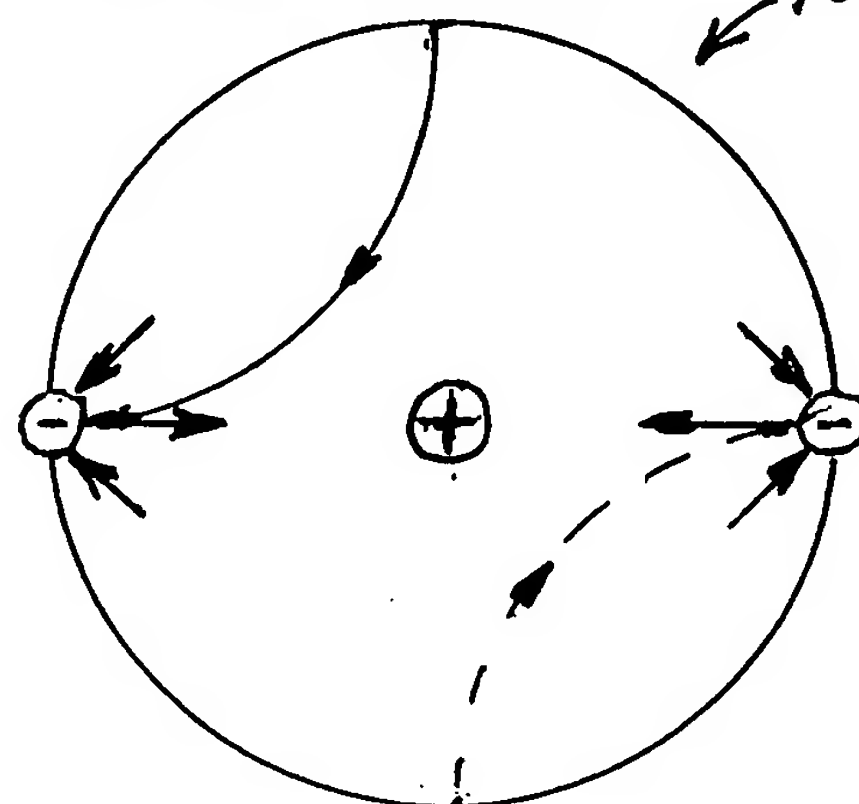




FIG. 15E(1)

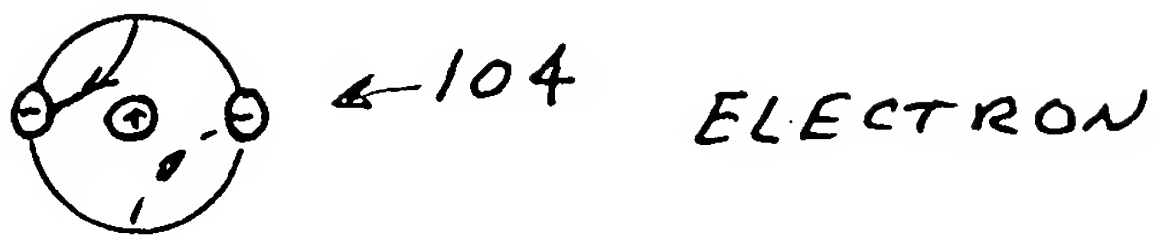


FIG. 15E(2)

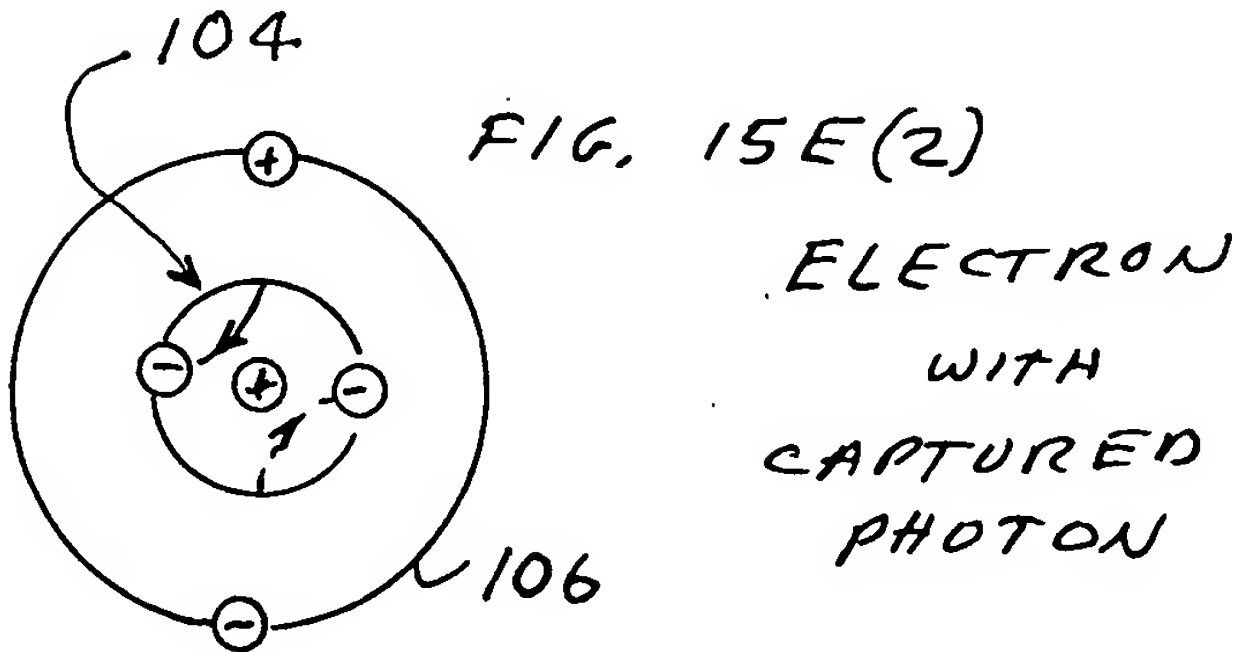


FIG. 15E(3)

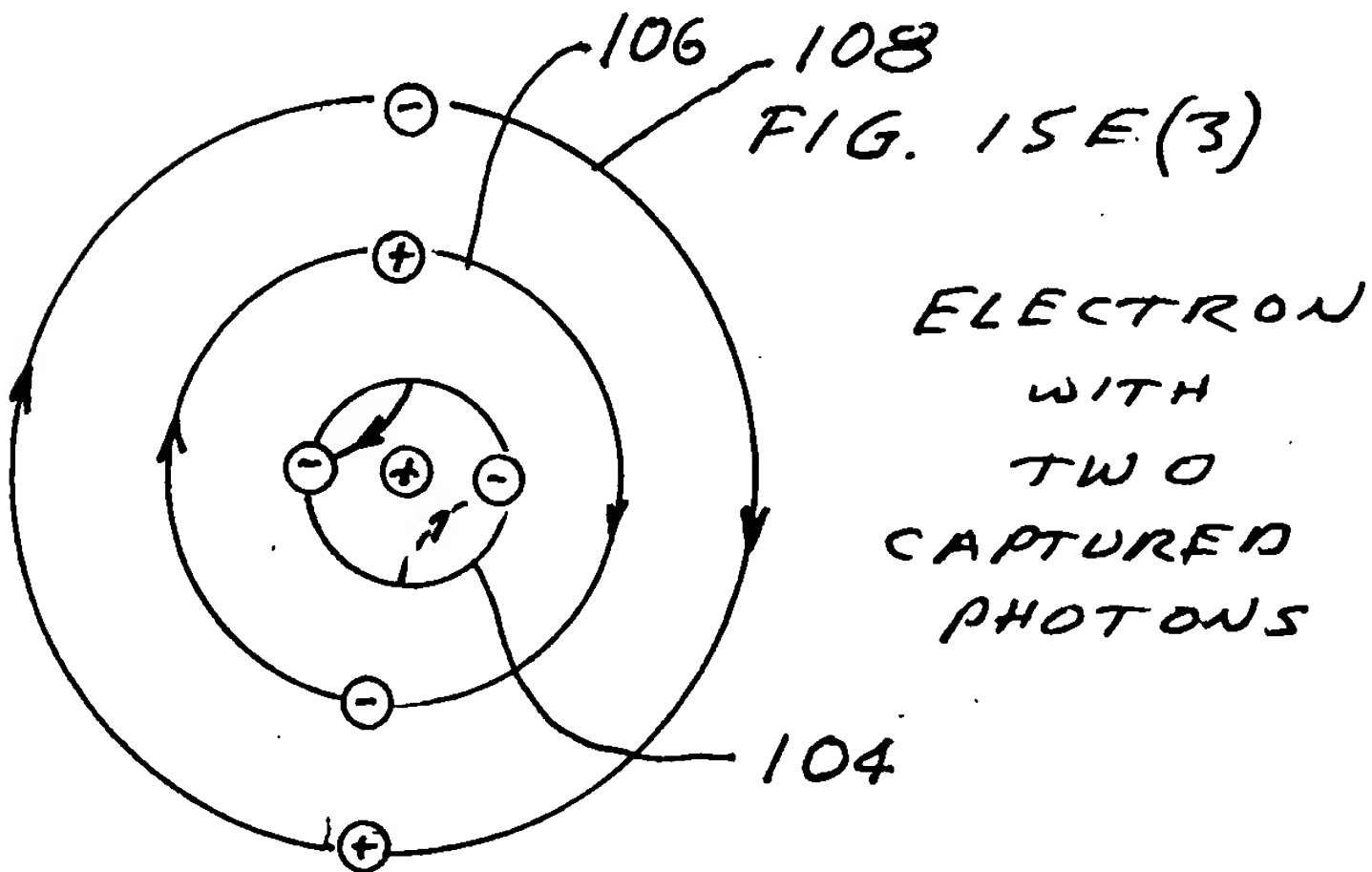


FIG. 15E(5)

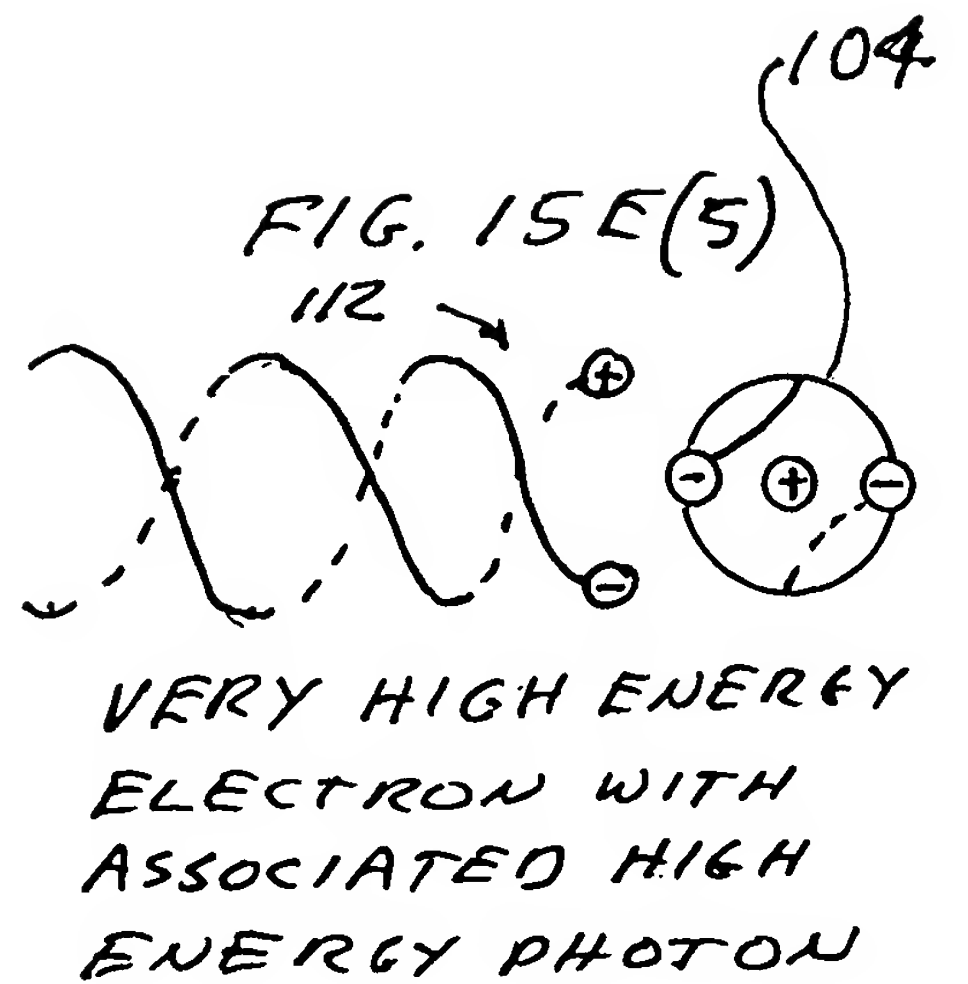
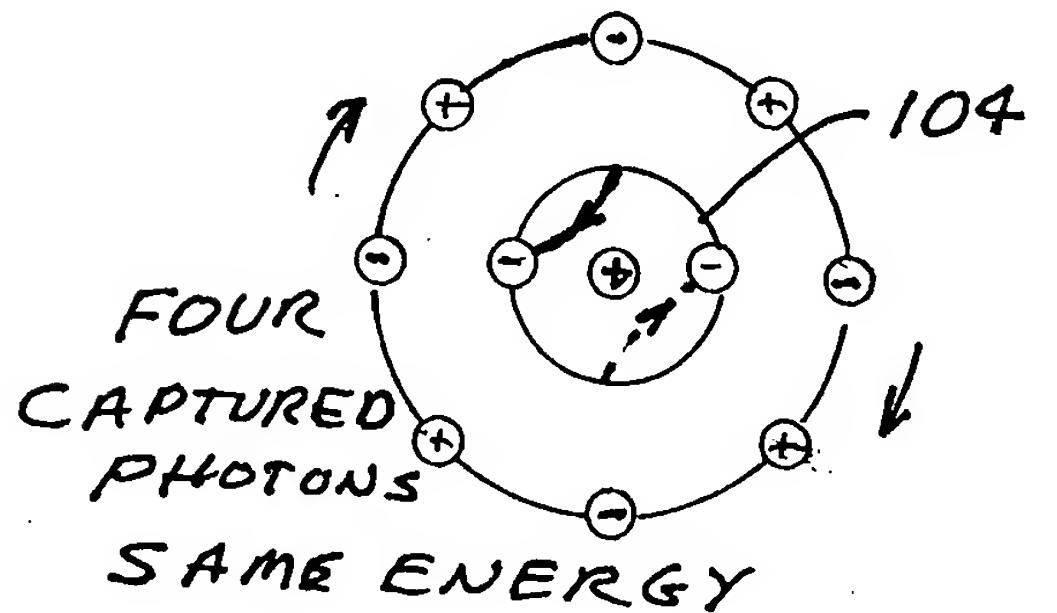


FIG. 15E(6)



PHOTON  
 $v = 0.5c$   
→

FIG. 15E(4)

FAST  
MOVING  
ELECTRON  
WITH  
ASSOCIATED  
PHOTON

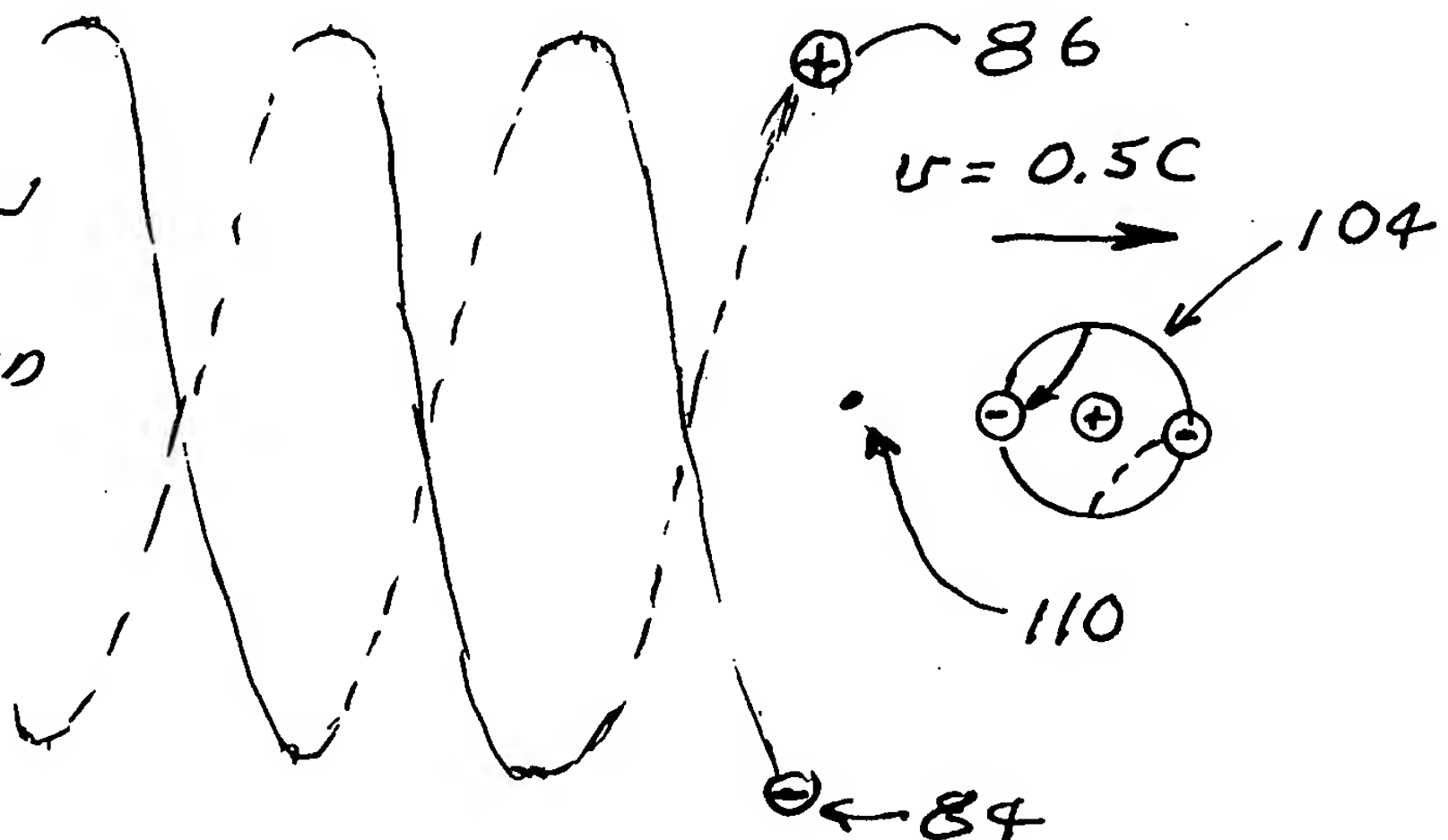


FIG. 15E(7)

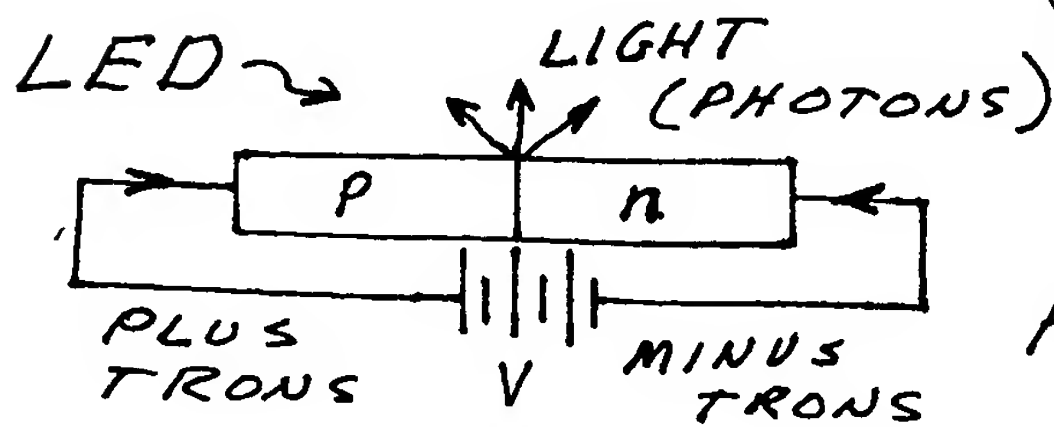
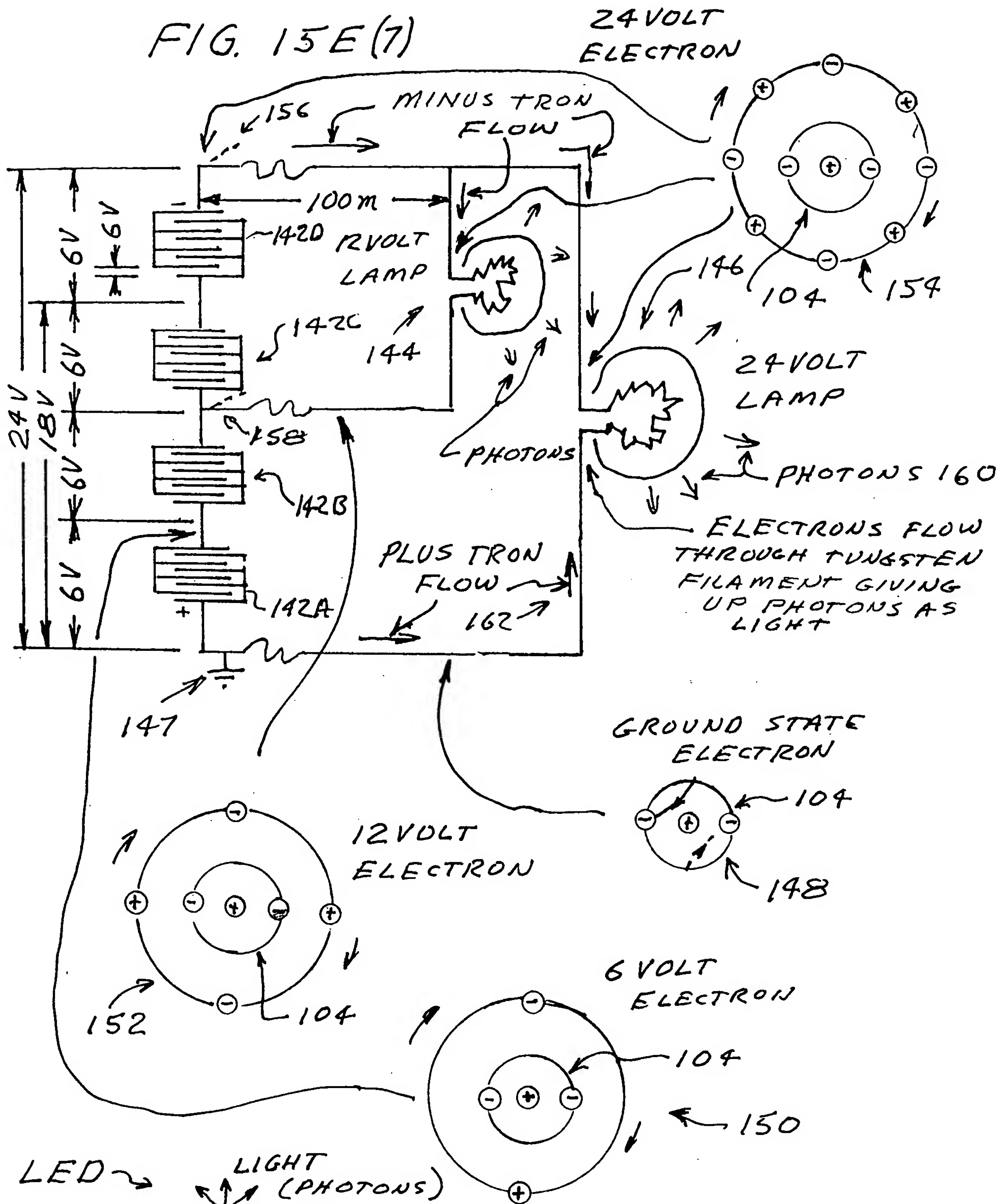


FIG. 15E(8)

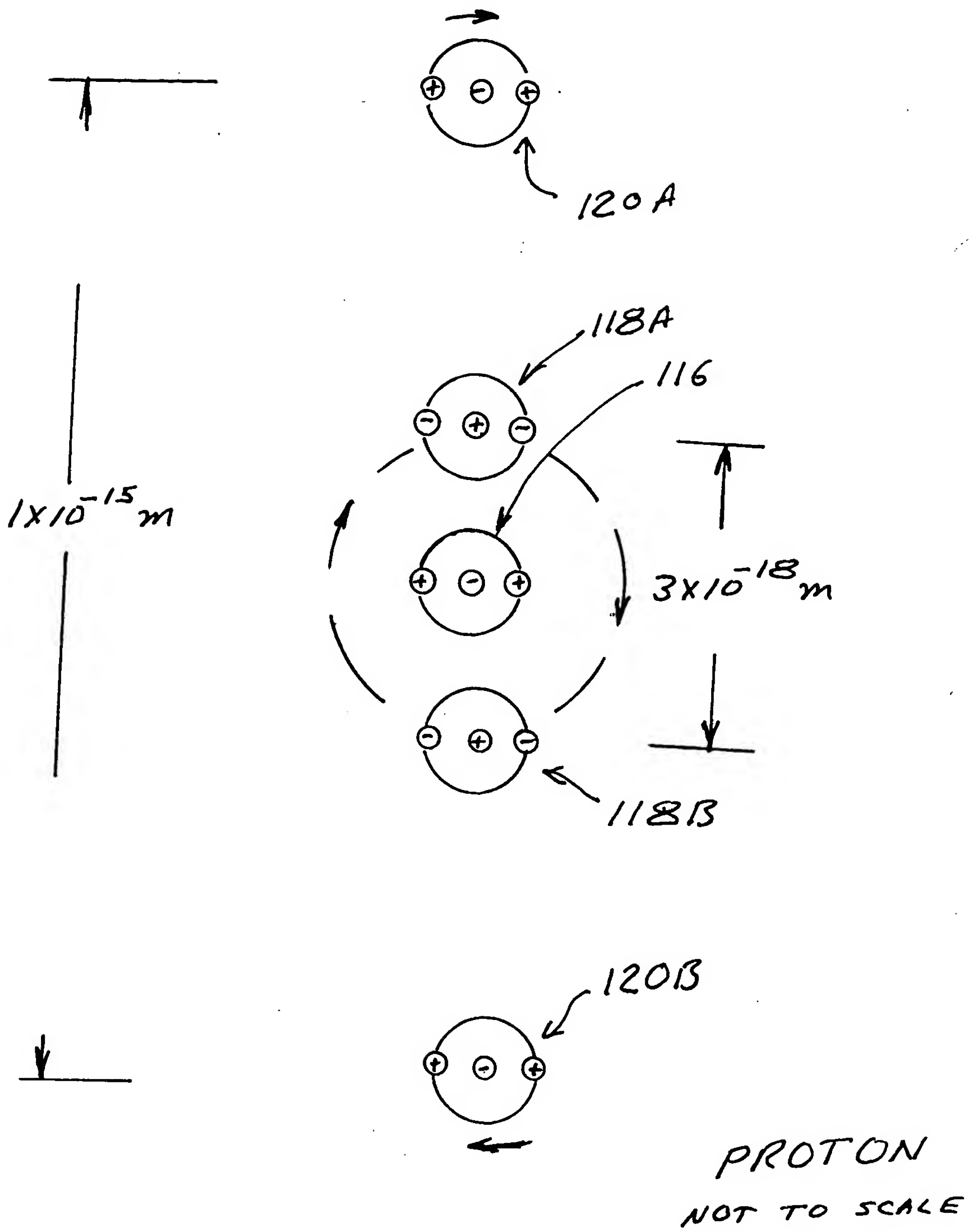


FIG. 15F

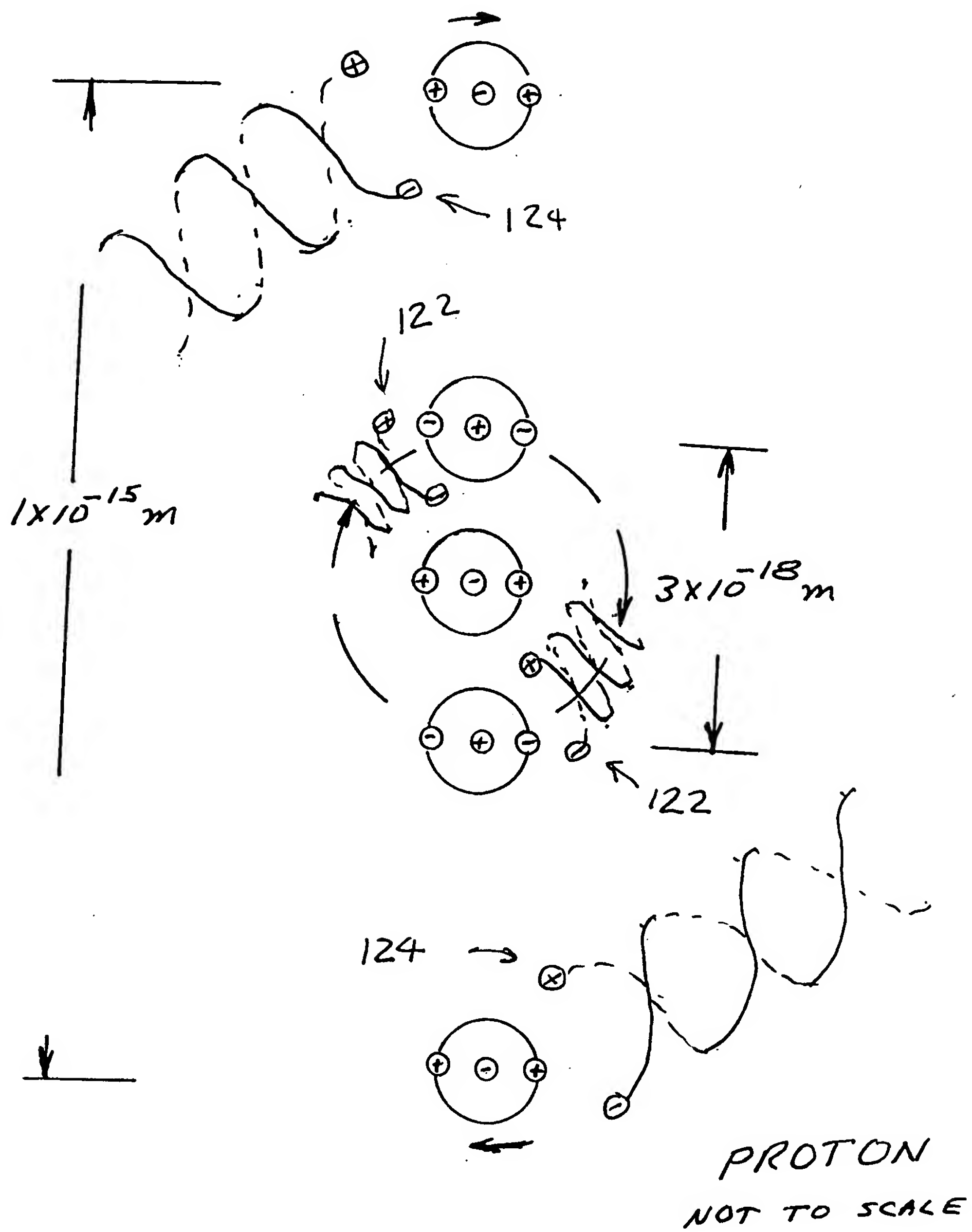
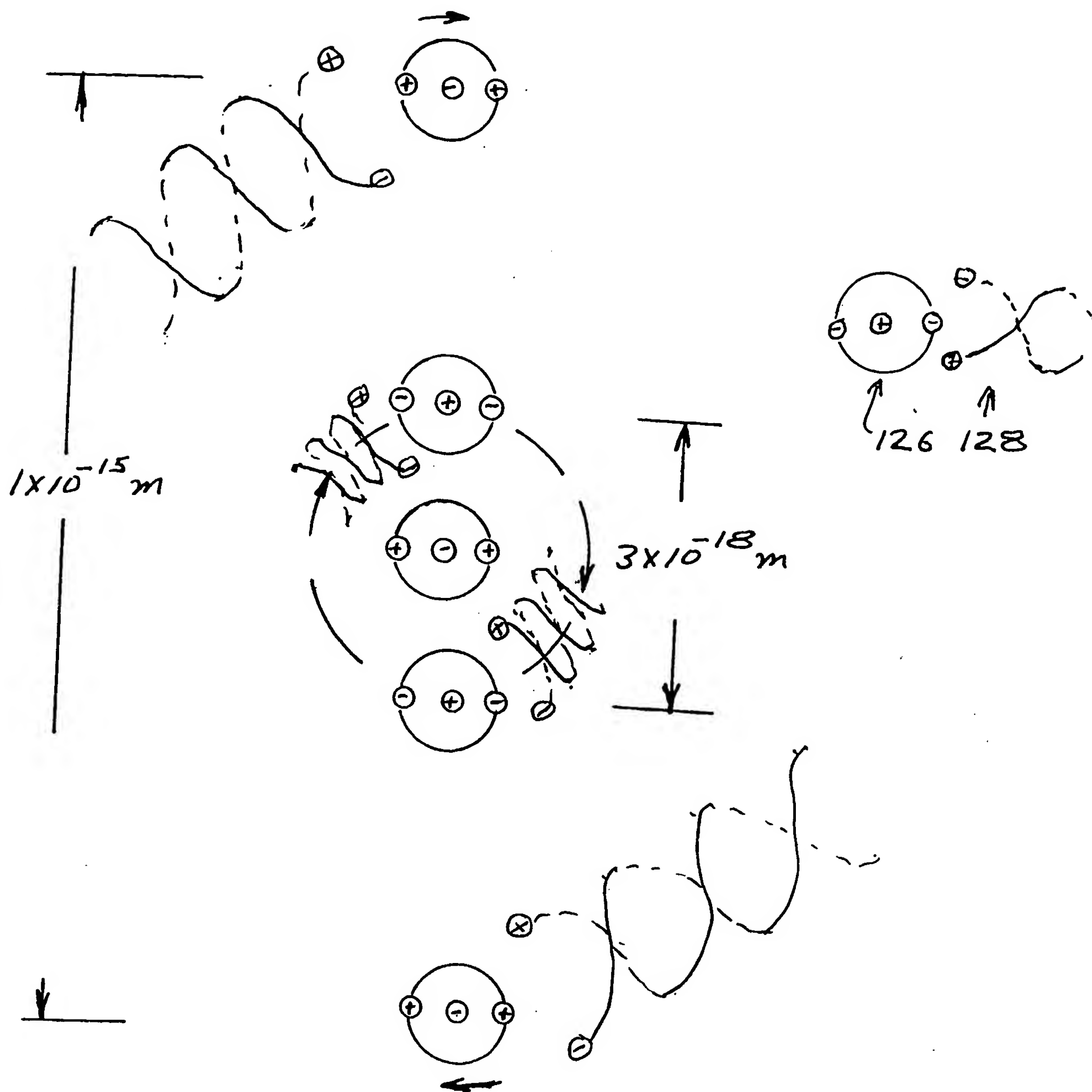
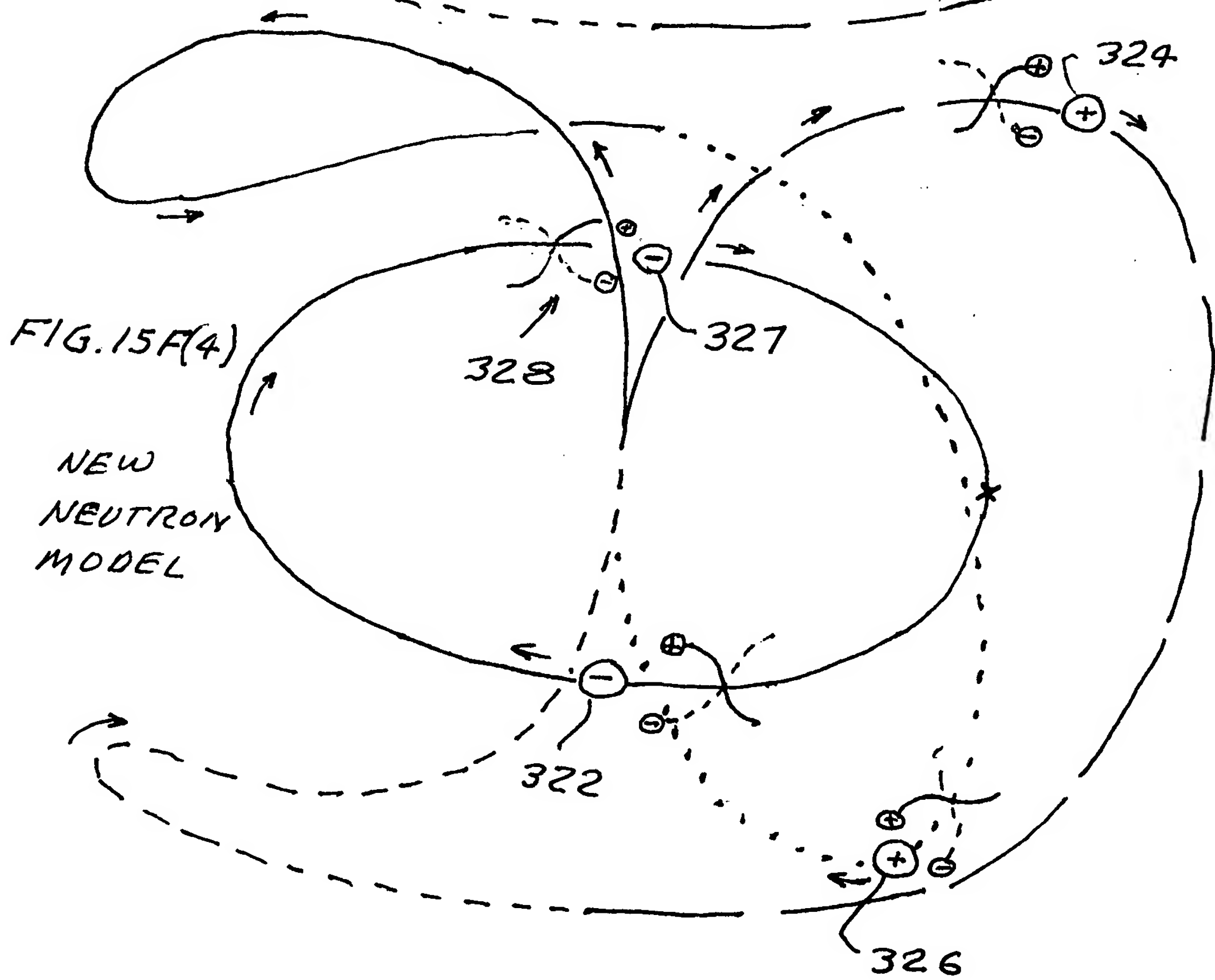
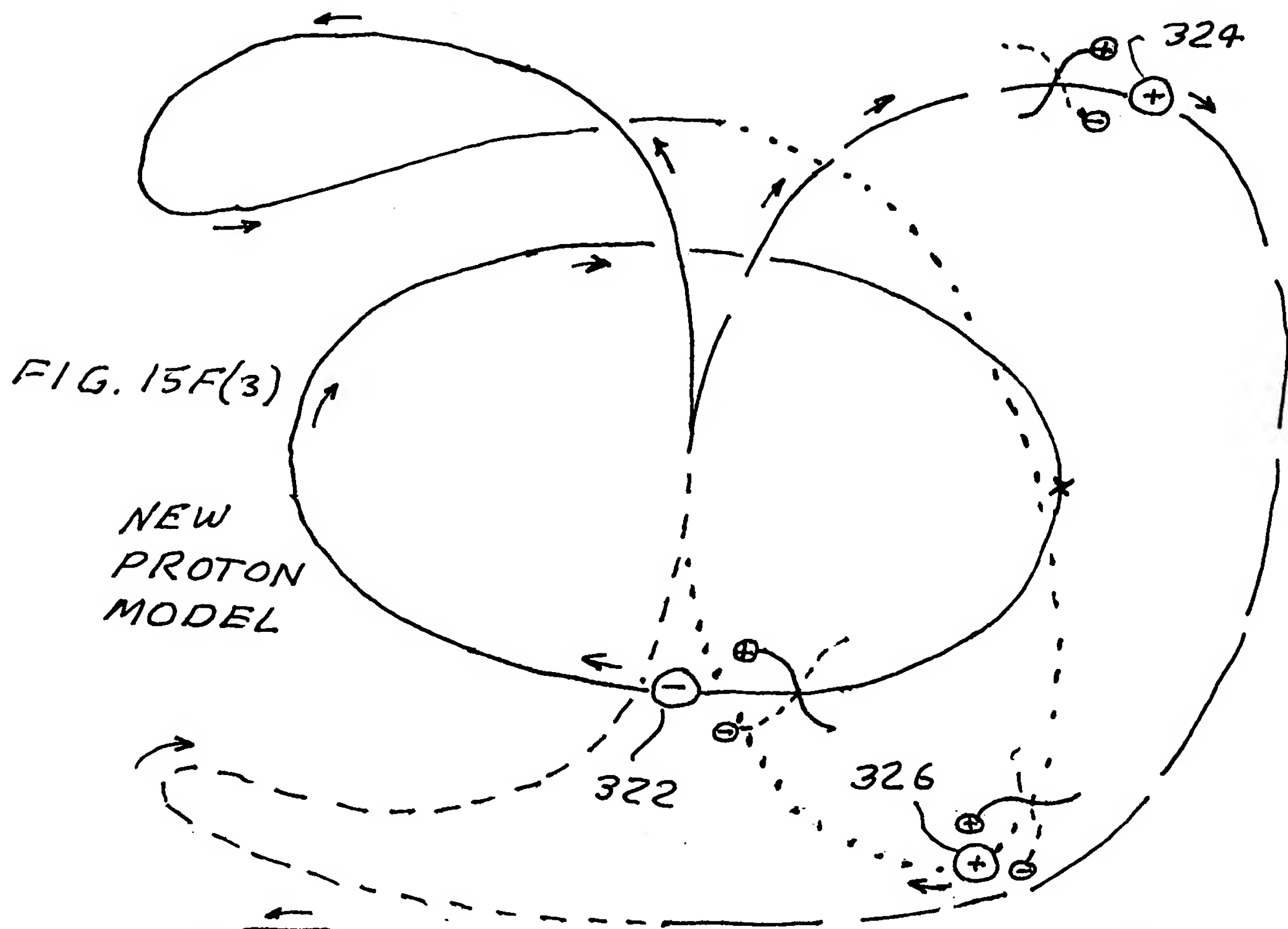


FIG. 15F(1)



NEUTRON  
FIG. 15F(2)



HYDROGEN  $H^1$

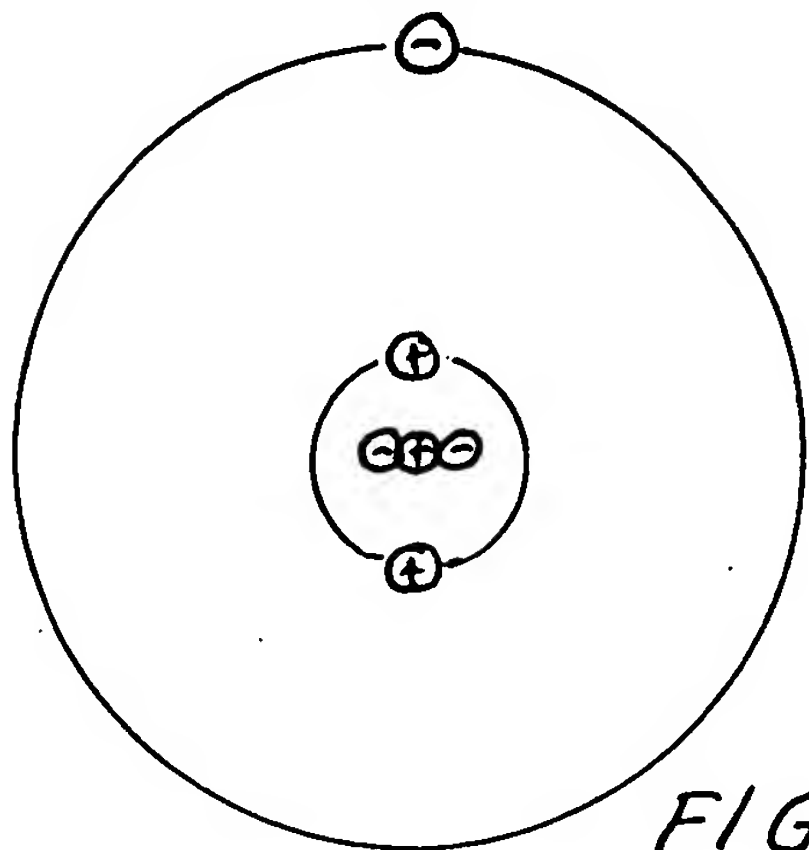


FIG. 15G(1)

HEAVY  
HYDROGEN  $H^2$

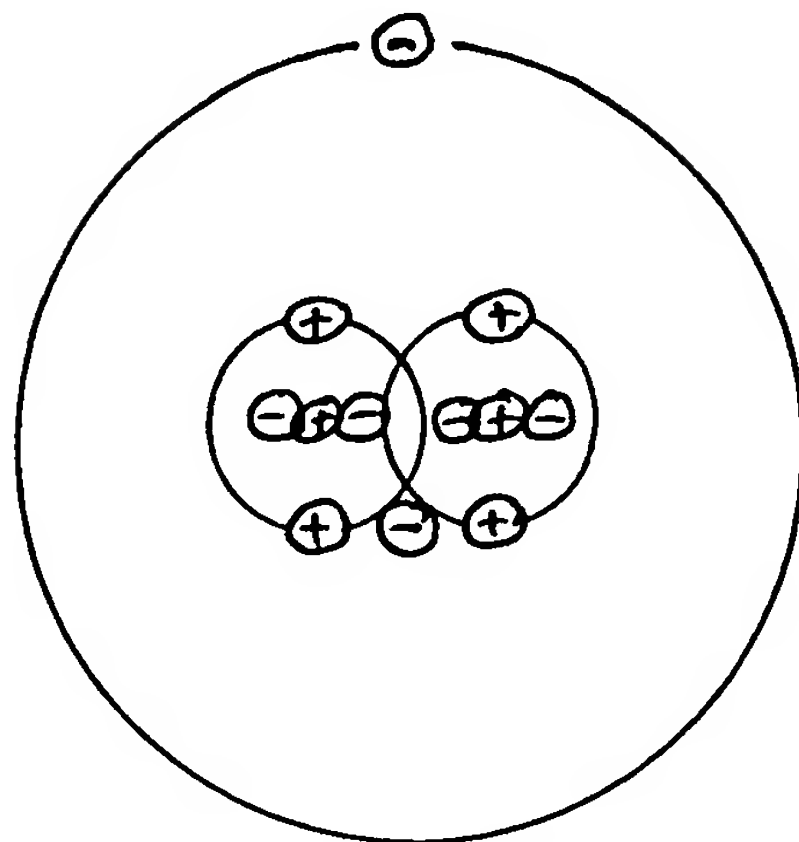


FIG. 15G(2)

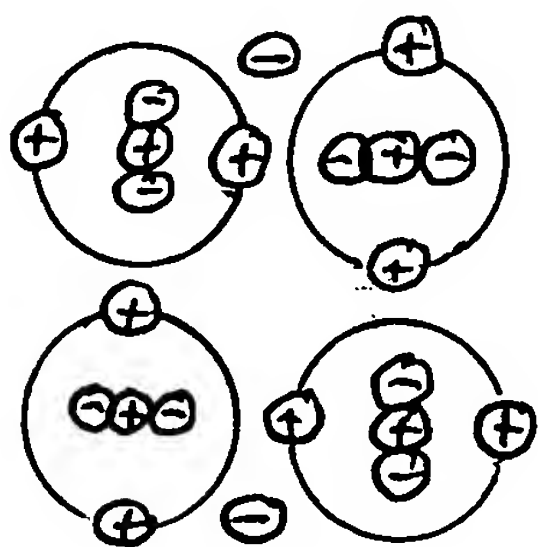


FIG. 15G(3)

ALPHA PARTICLE

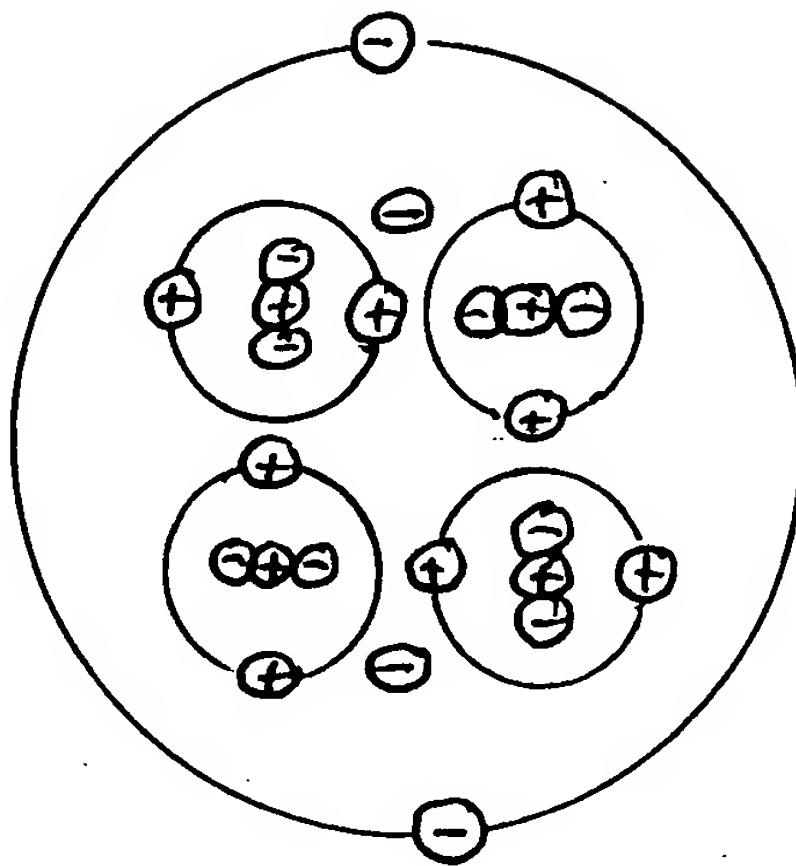
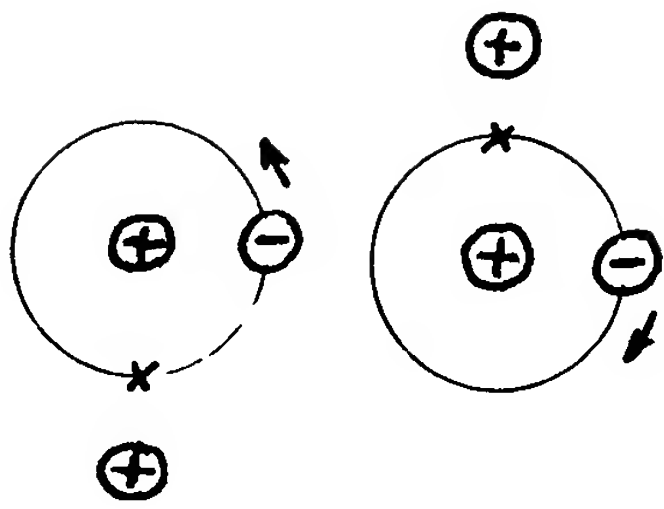


FIG. 15G(4)

HELIUM



$$t = 0$$

FIG. 15G(5)

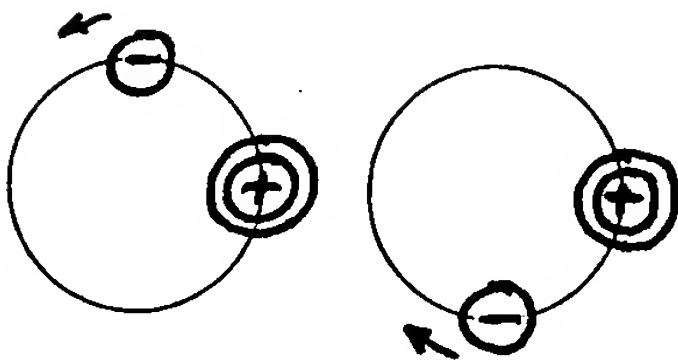
TOP VIEWS OF

TWO PROTONS

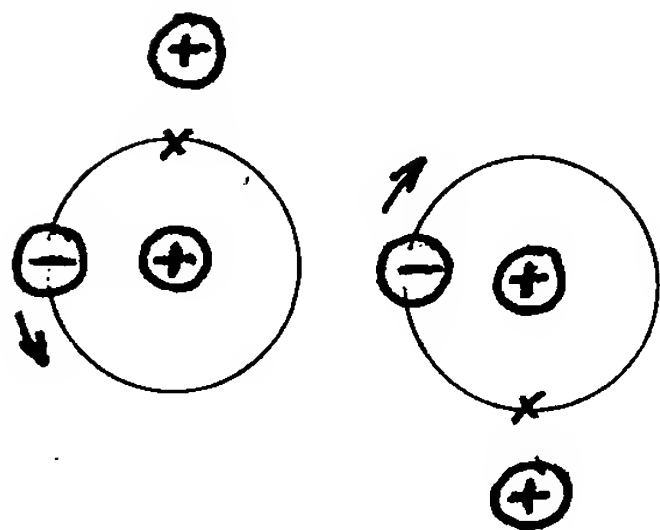
HELD TOGETHER

IN COULOMB

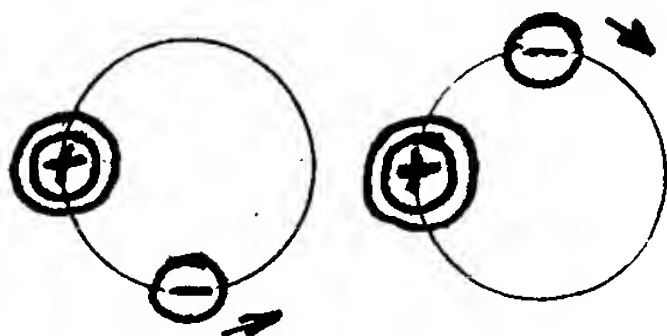
FORCE WELLS



$$t = -T/4$$



$$t = T/2$$



$$t = 3T/4$$



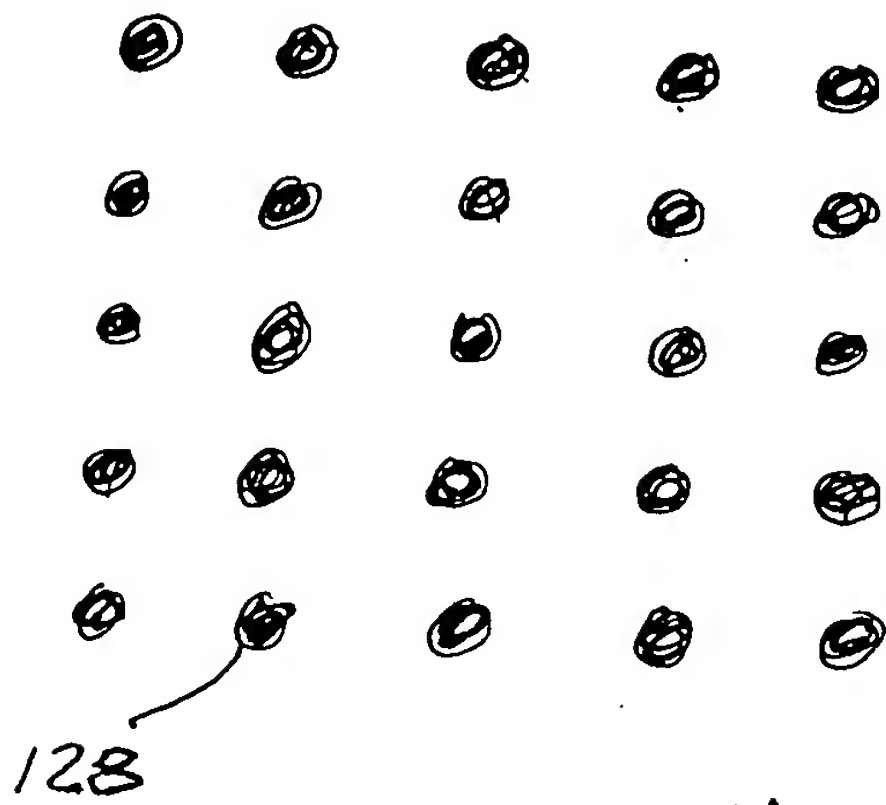


FIG. 15H(1)  
ZERO DEGREES  
KELVIN

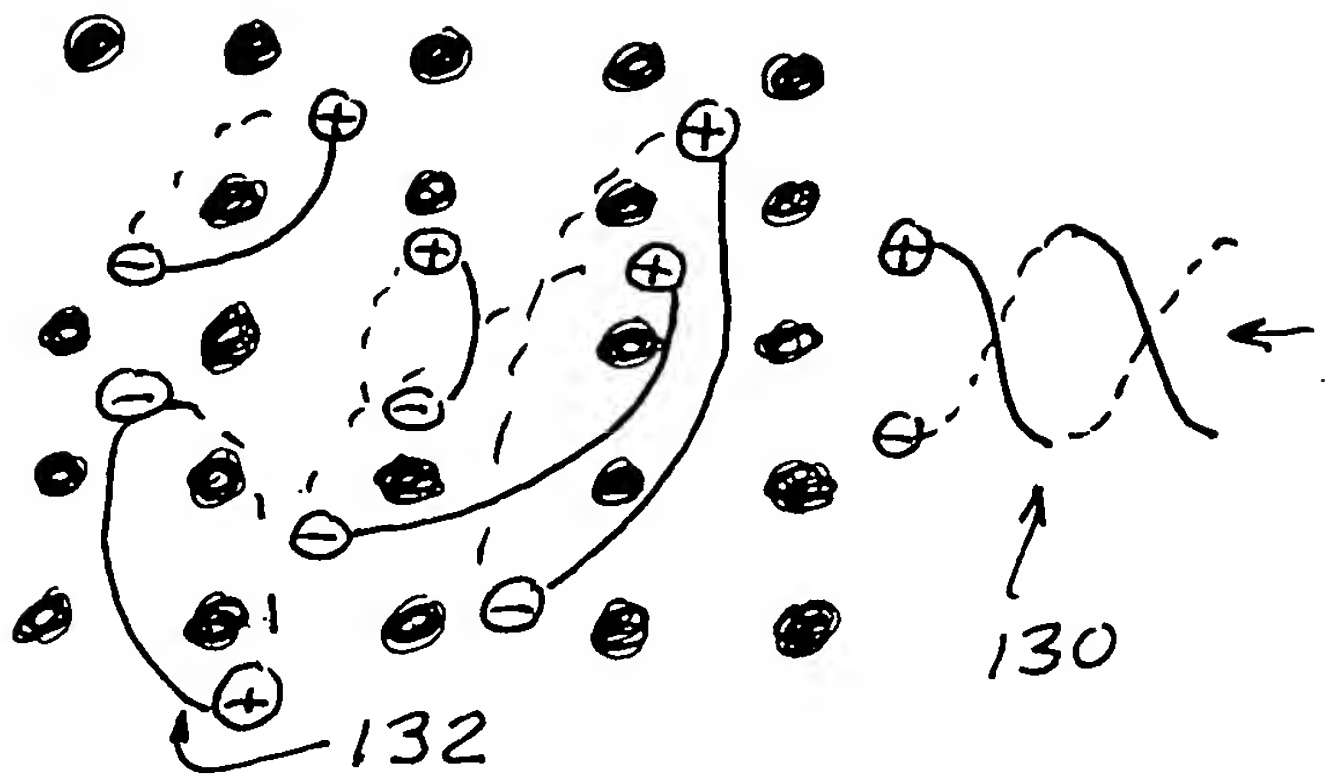


FIG. 15H(2)  
WARMER  
CRYSTAL

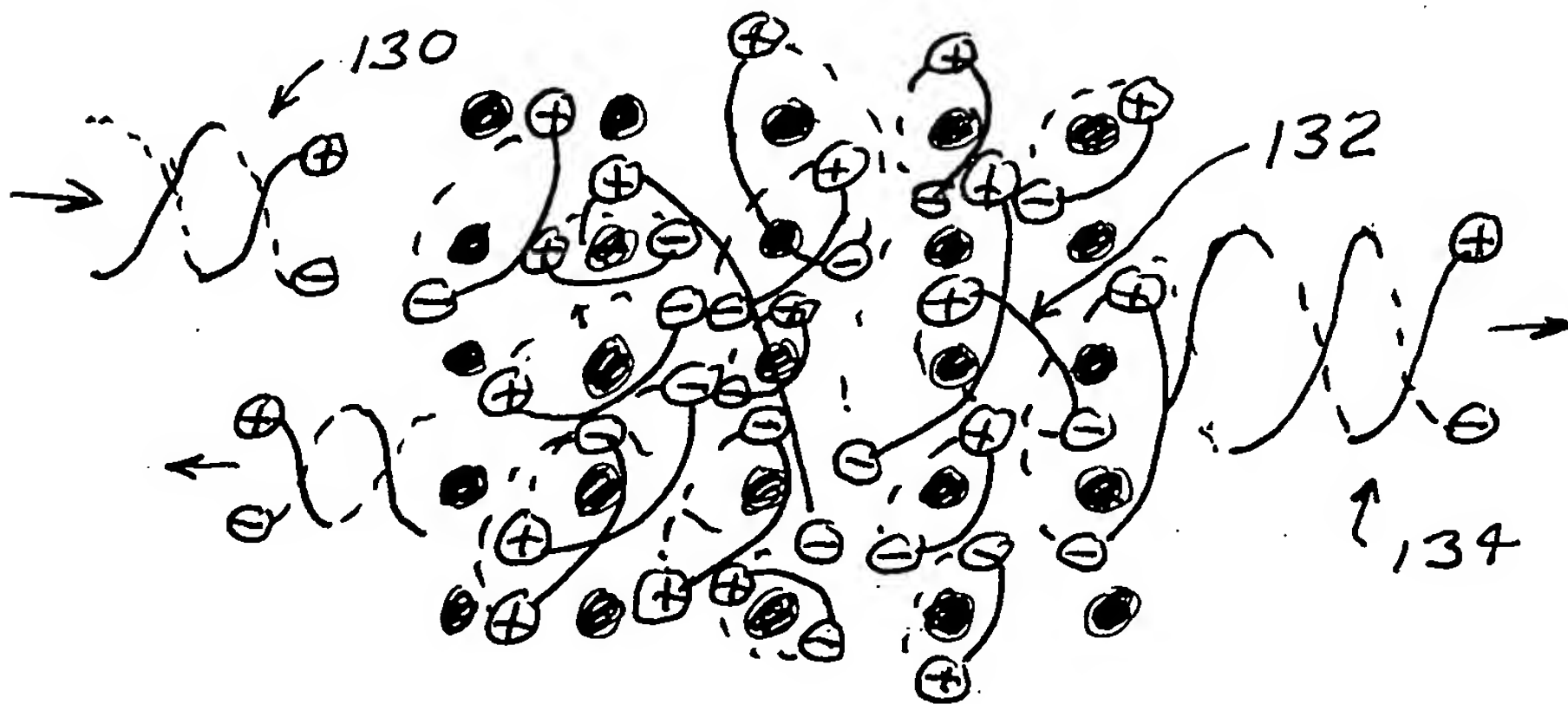
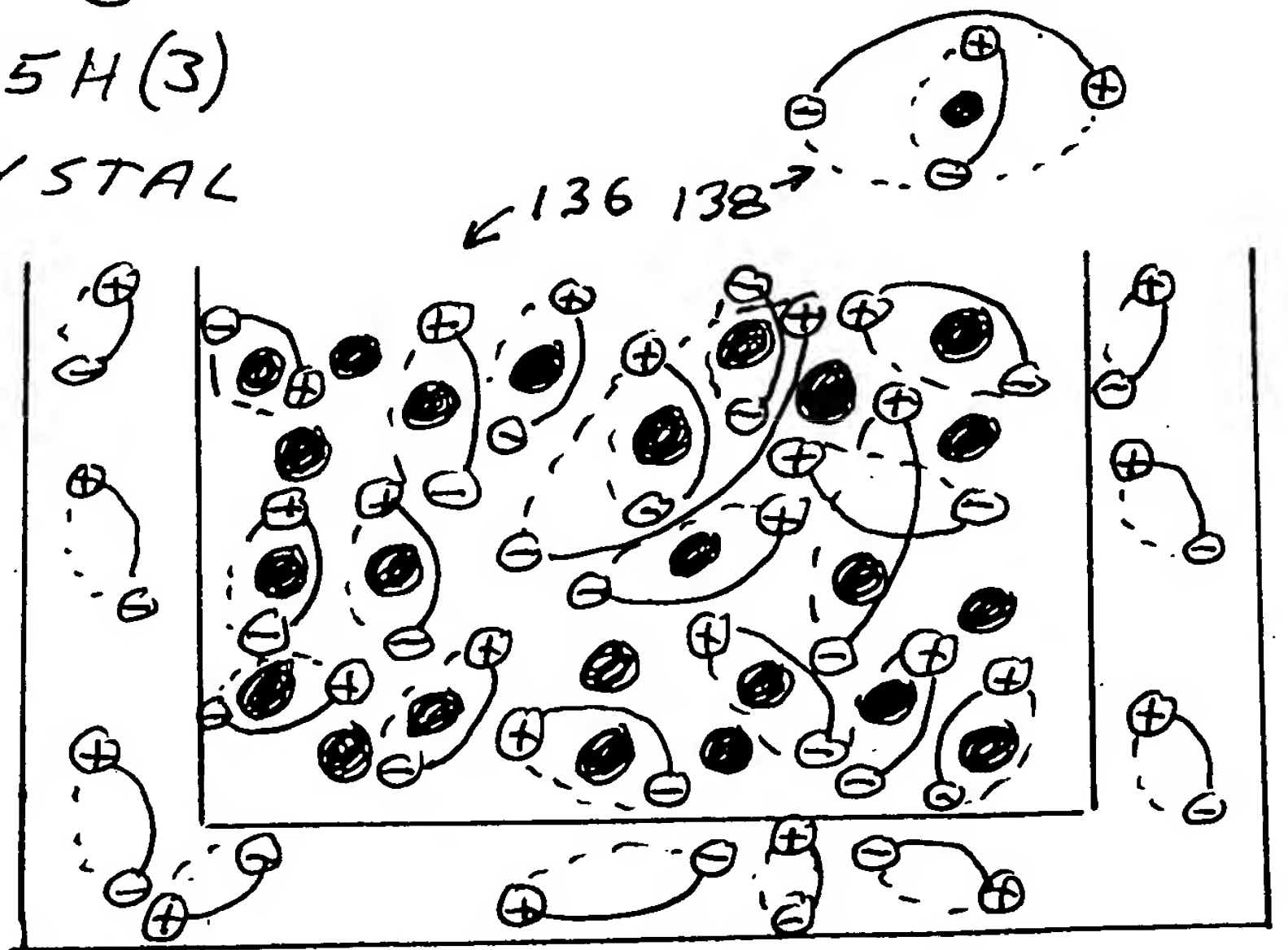


FIG. 15H(3)  
HOT CRYSTAL

FIG. 15H(4)  
HOT LIQUID



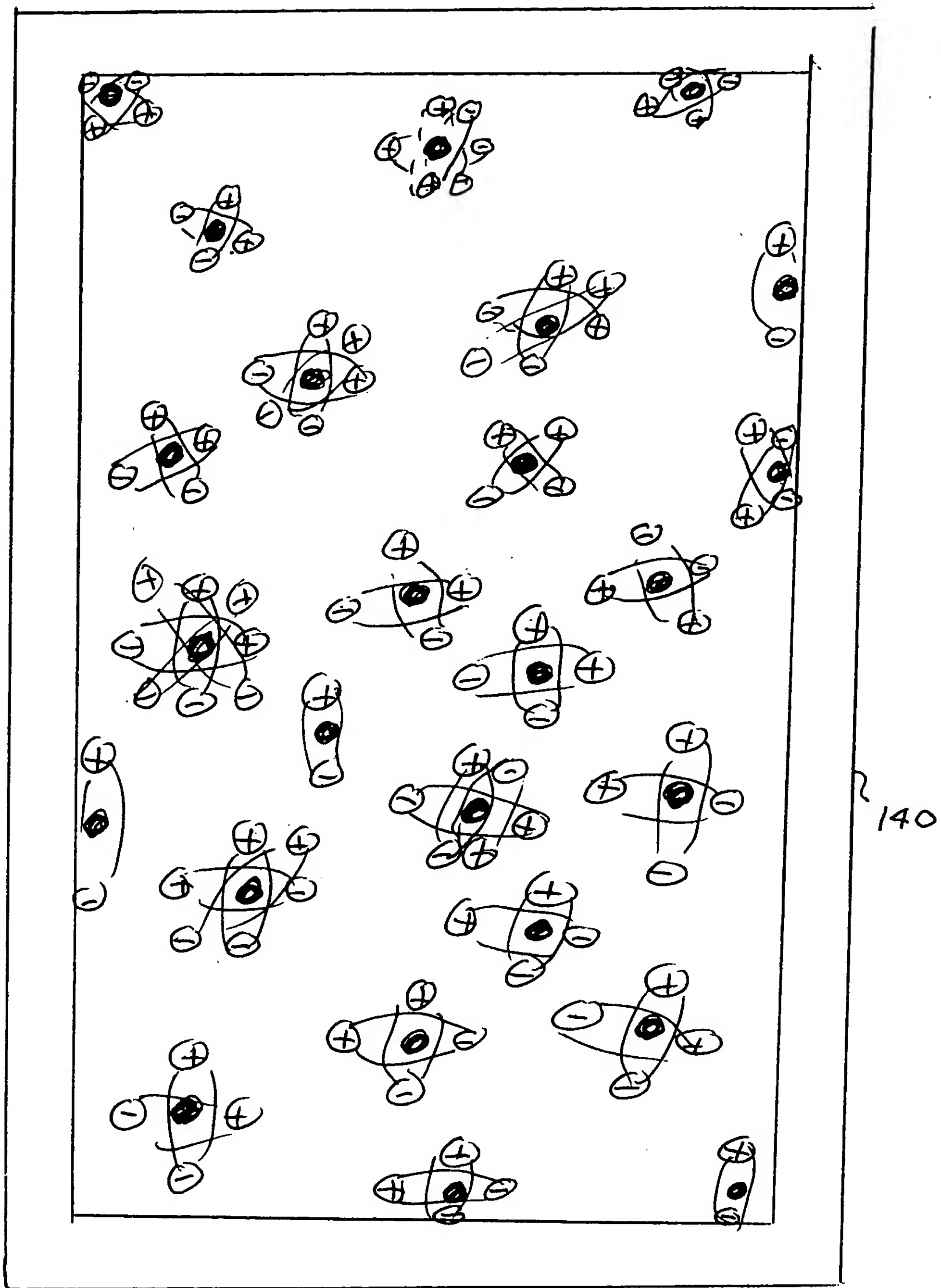


FIG. 15H(5)  
CONFINED VAPOR

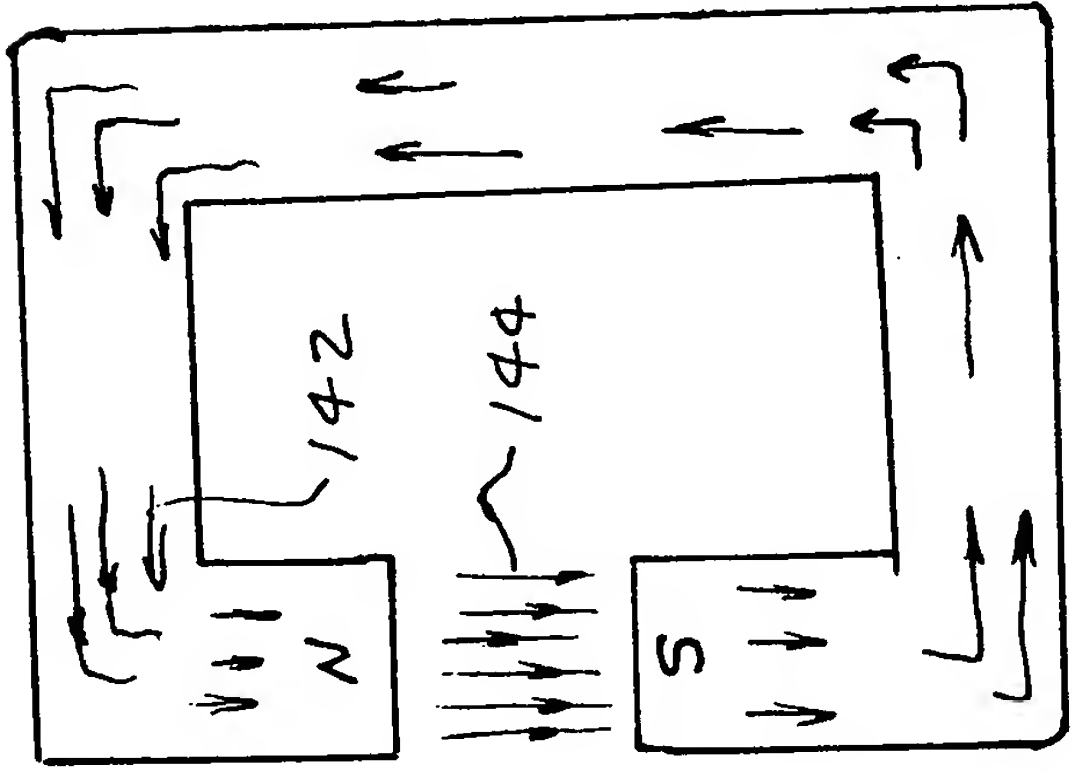


FIG. 15I(1)  
MAGNETISM

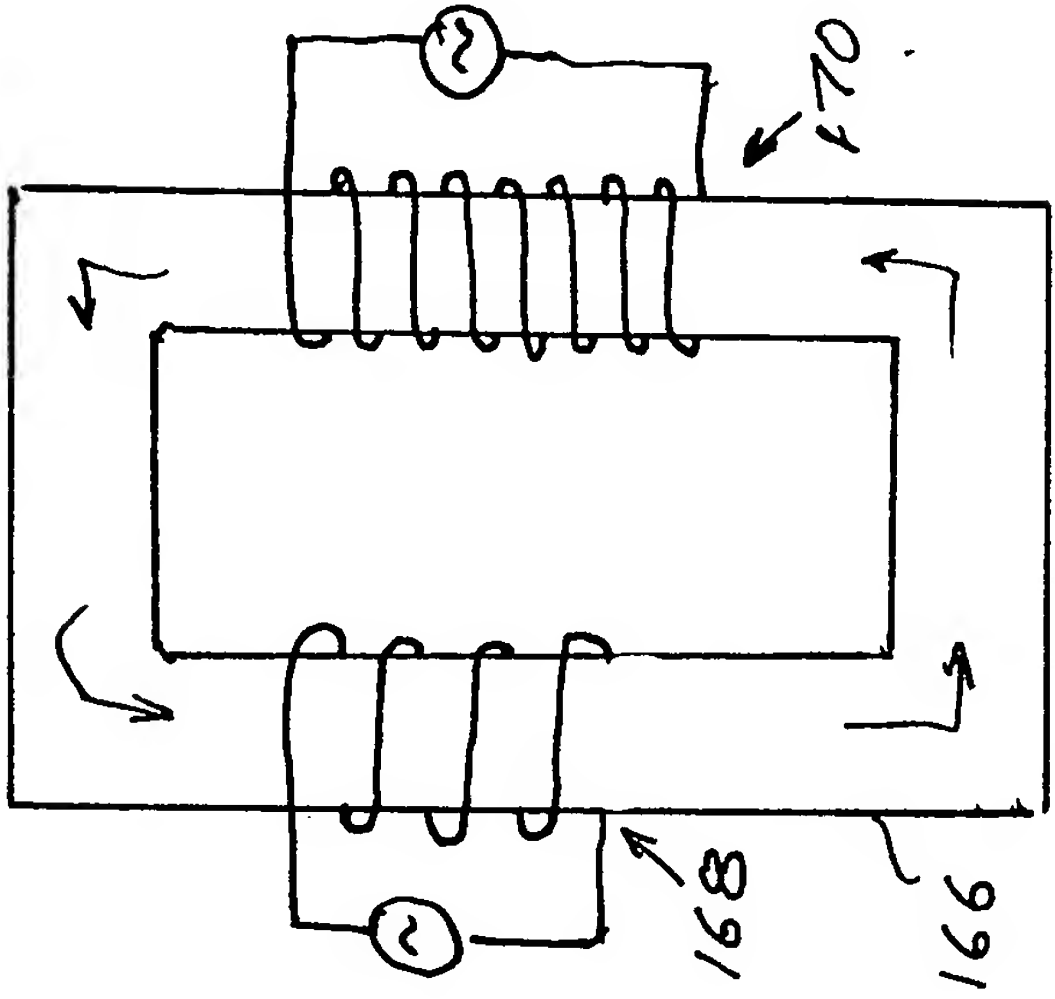


FIG. 15I(2)  
TRANSFORMER

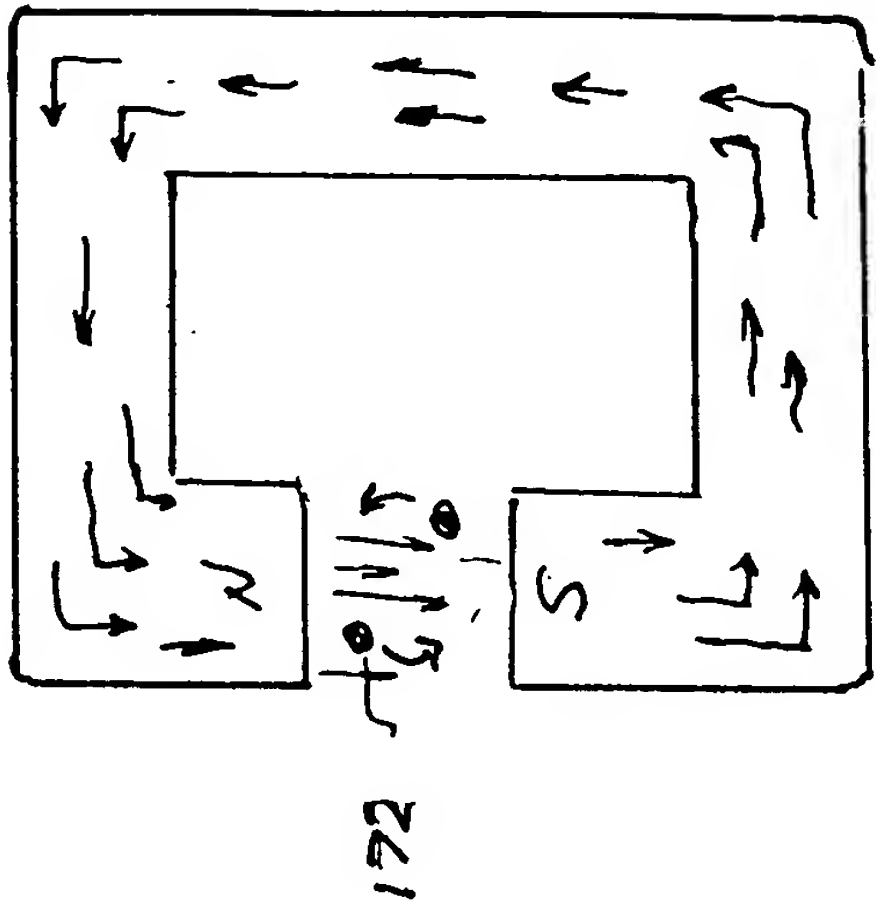


FIG. 15I(3)  
MOTOR  
GENERATOR

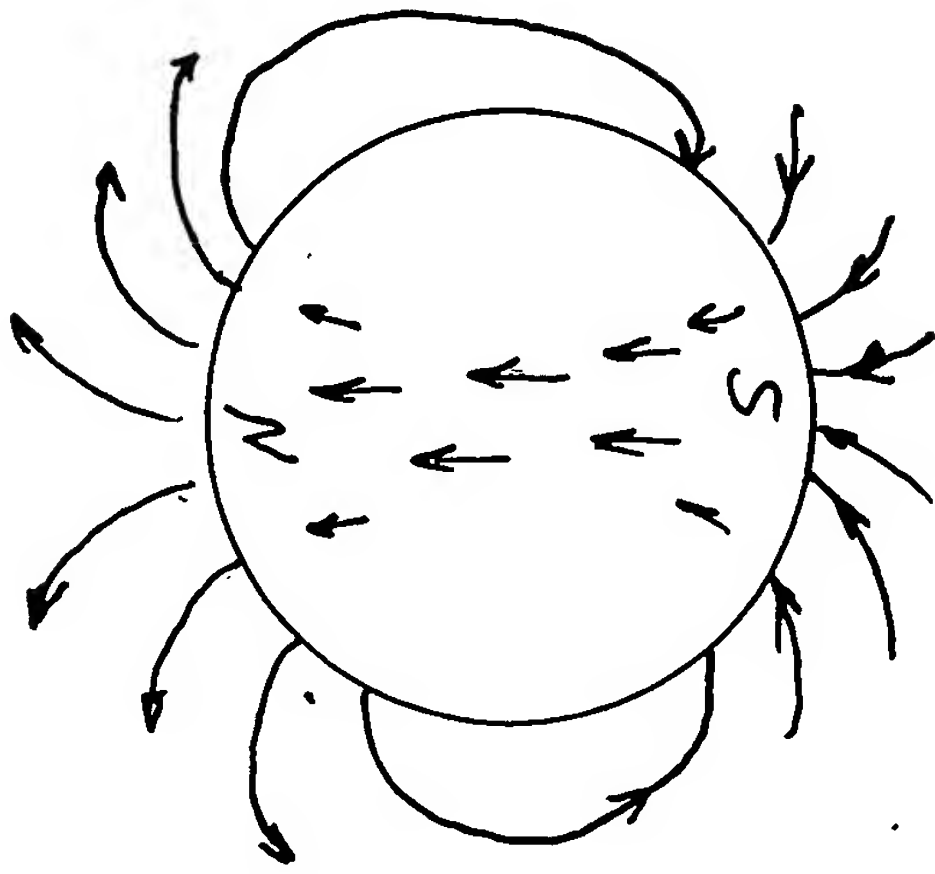


FIG. 15I(4)  
EARTH  
MAGNETIC  
FIELD

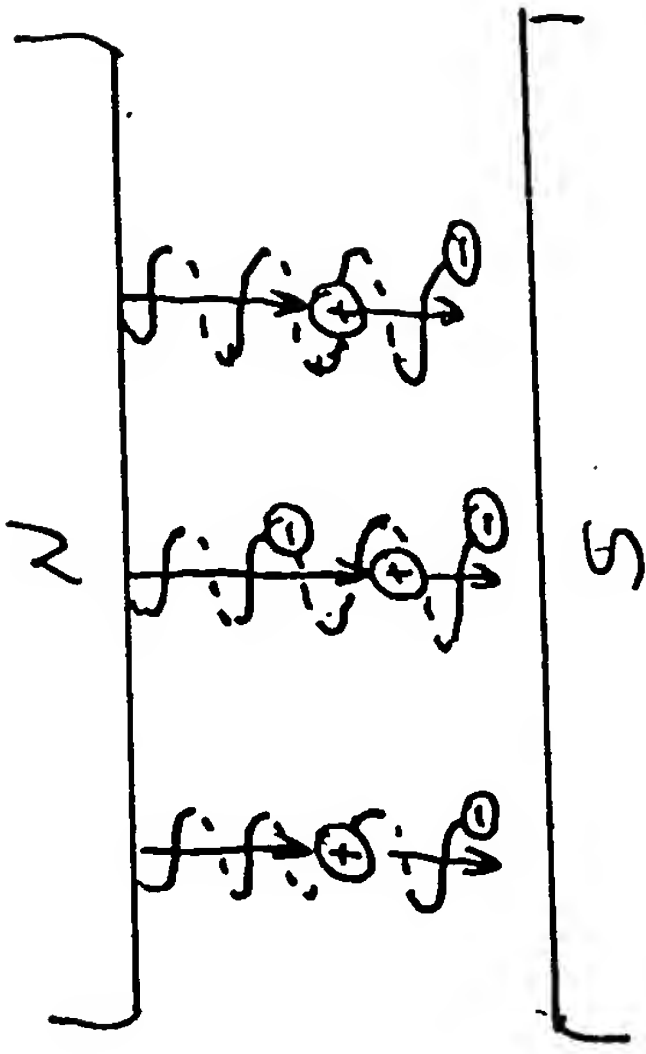


FIG. 15I(5)  
POSSIBLE TIRON PATHS  
IN MAGNETS

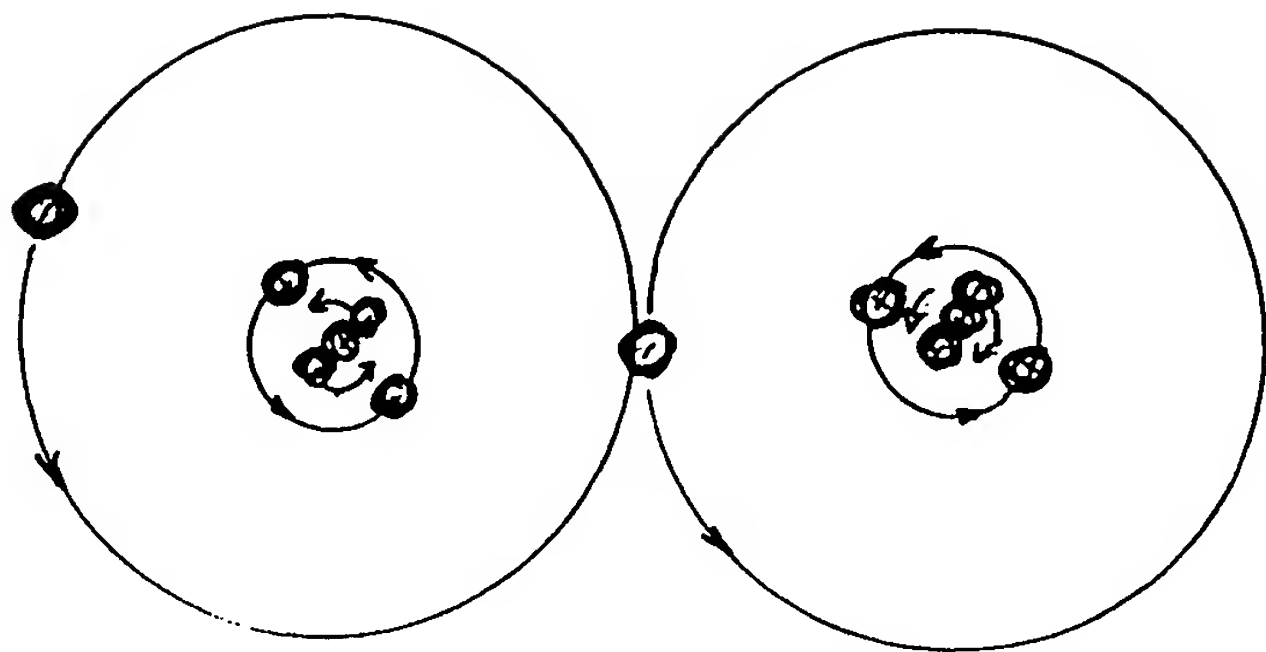


FIG 15 J (1)  
HYDROGEN  
MOLECULE

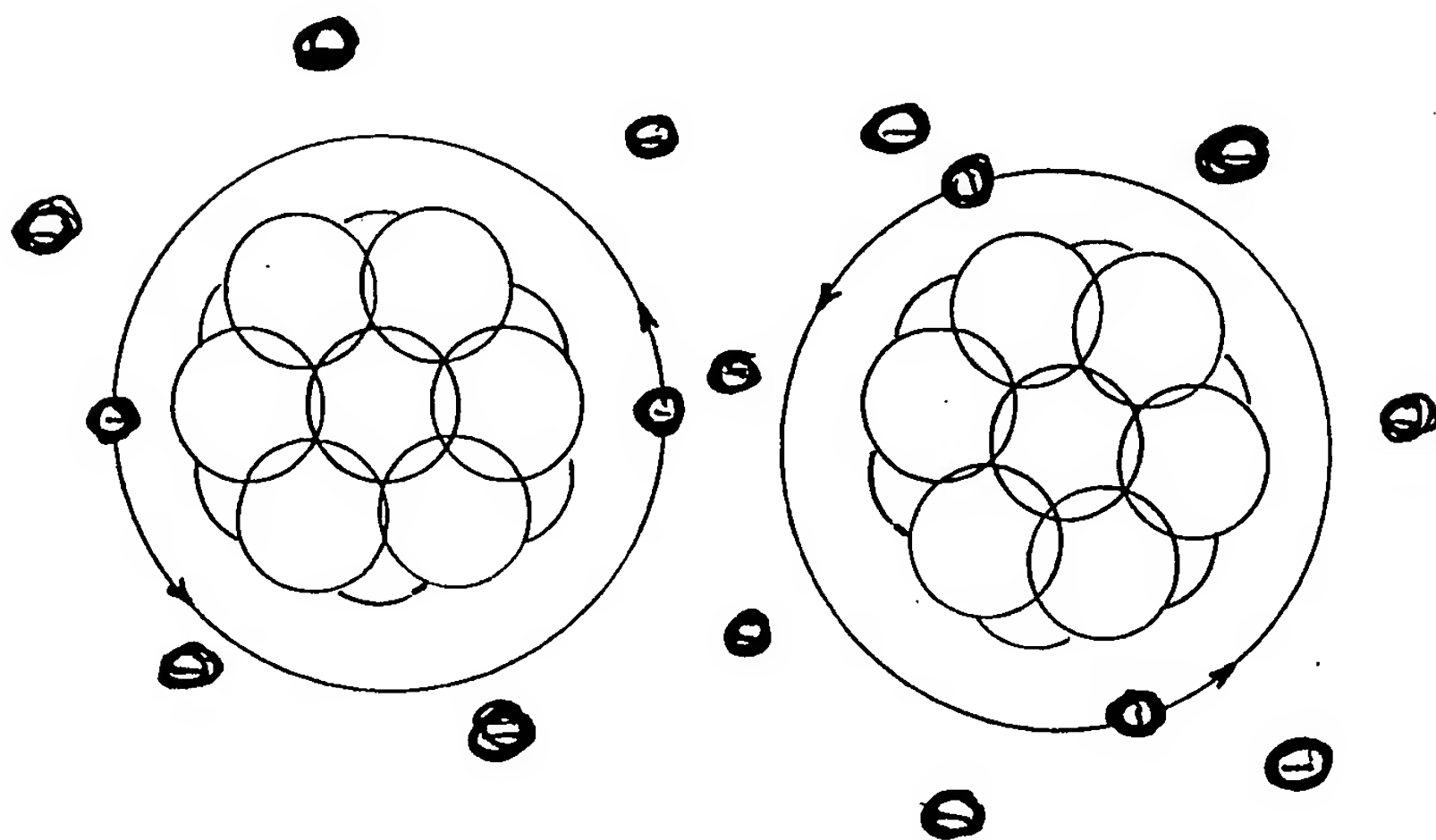
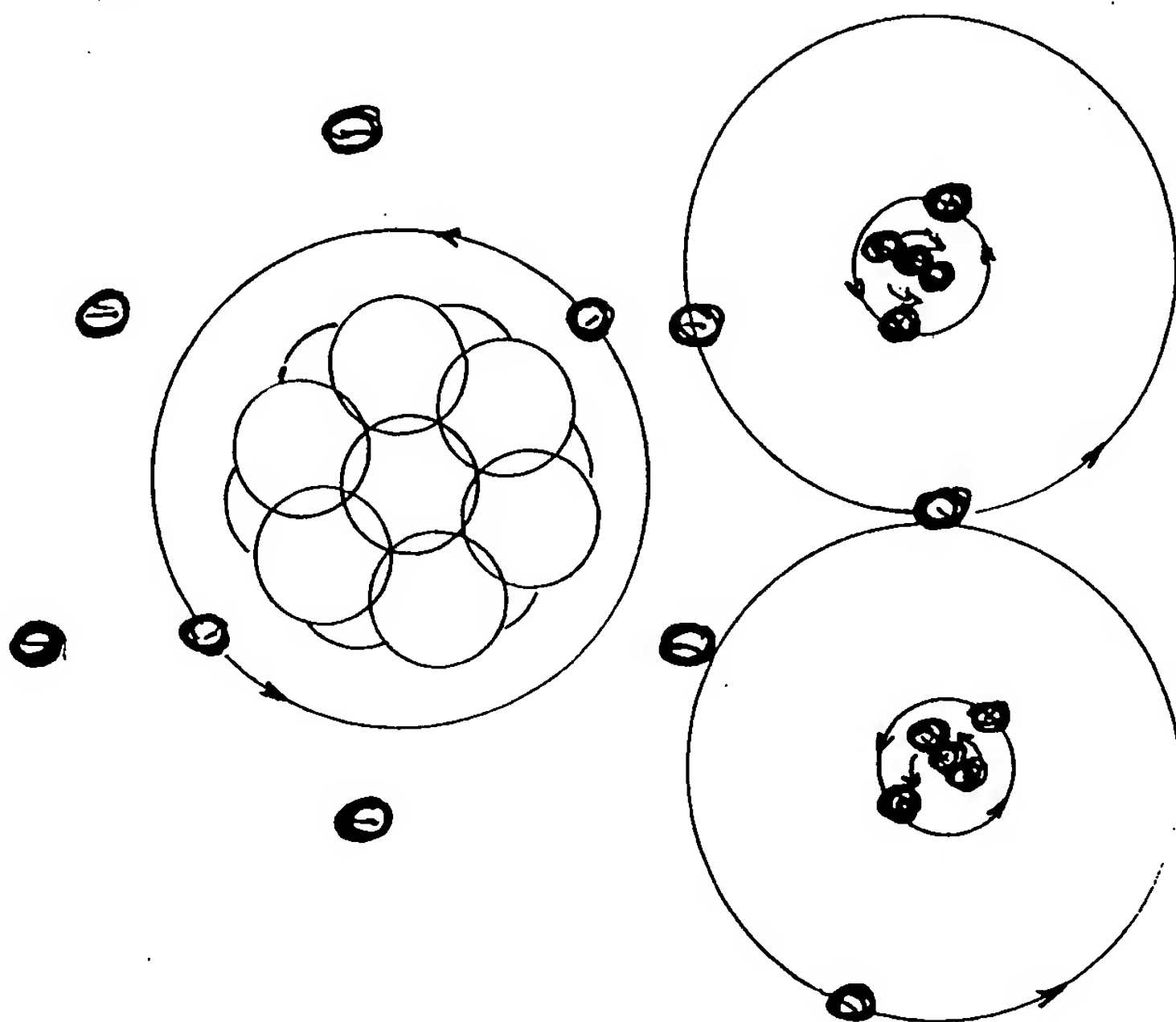


FIG 15 J (2)  
OXYGEN  
MOLECULE

FIG. 15 J (3)  
WATER  
MOLECULE



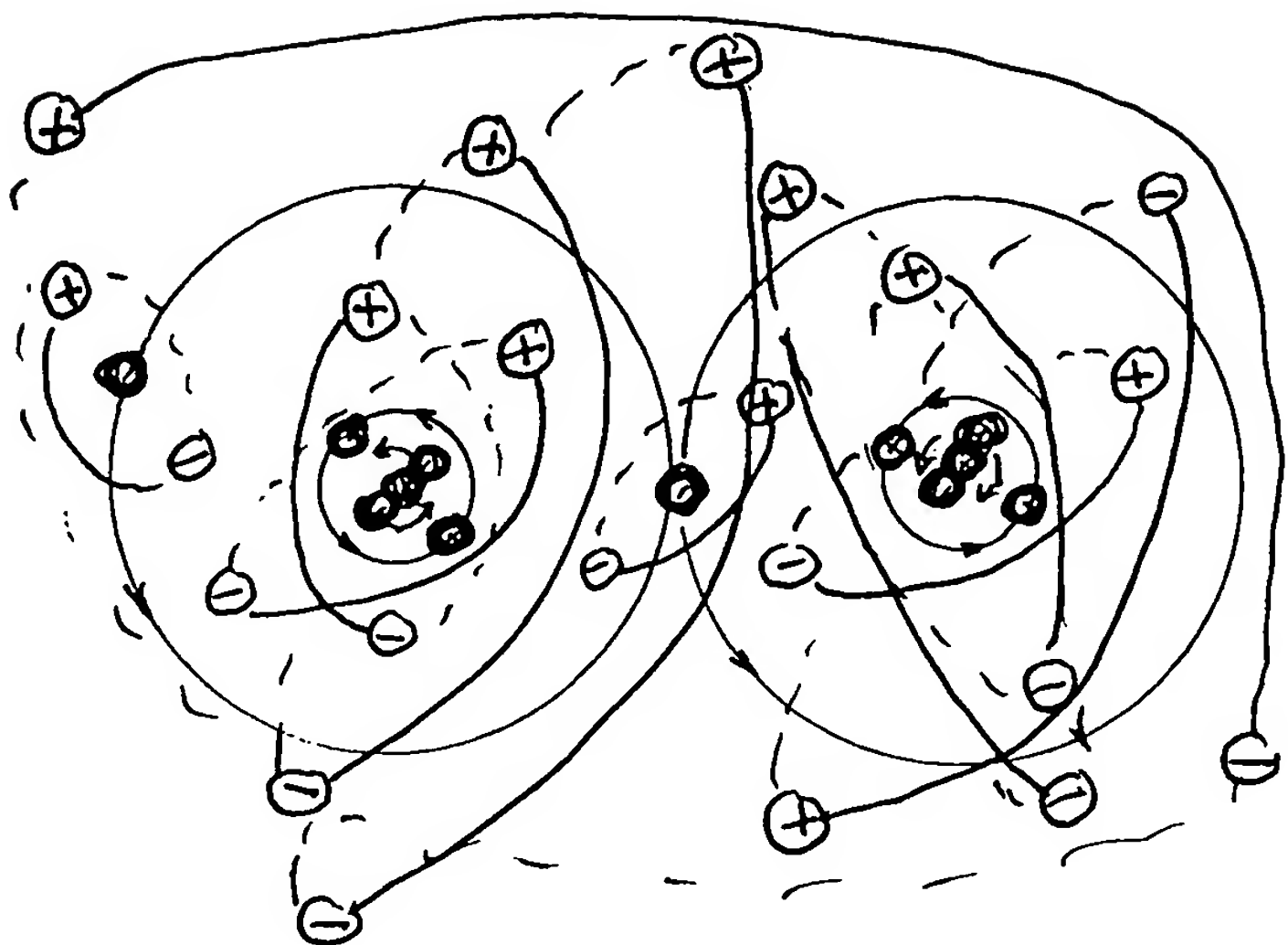


FIG 15J (4)  
HYDROGEN  
MOLECULE  
WITH TRAPPED  
TRON PAIRS  
(PHOTONS)

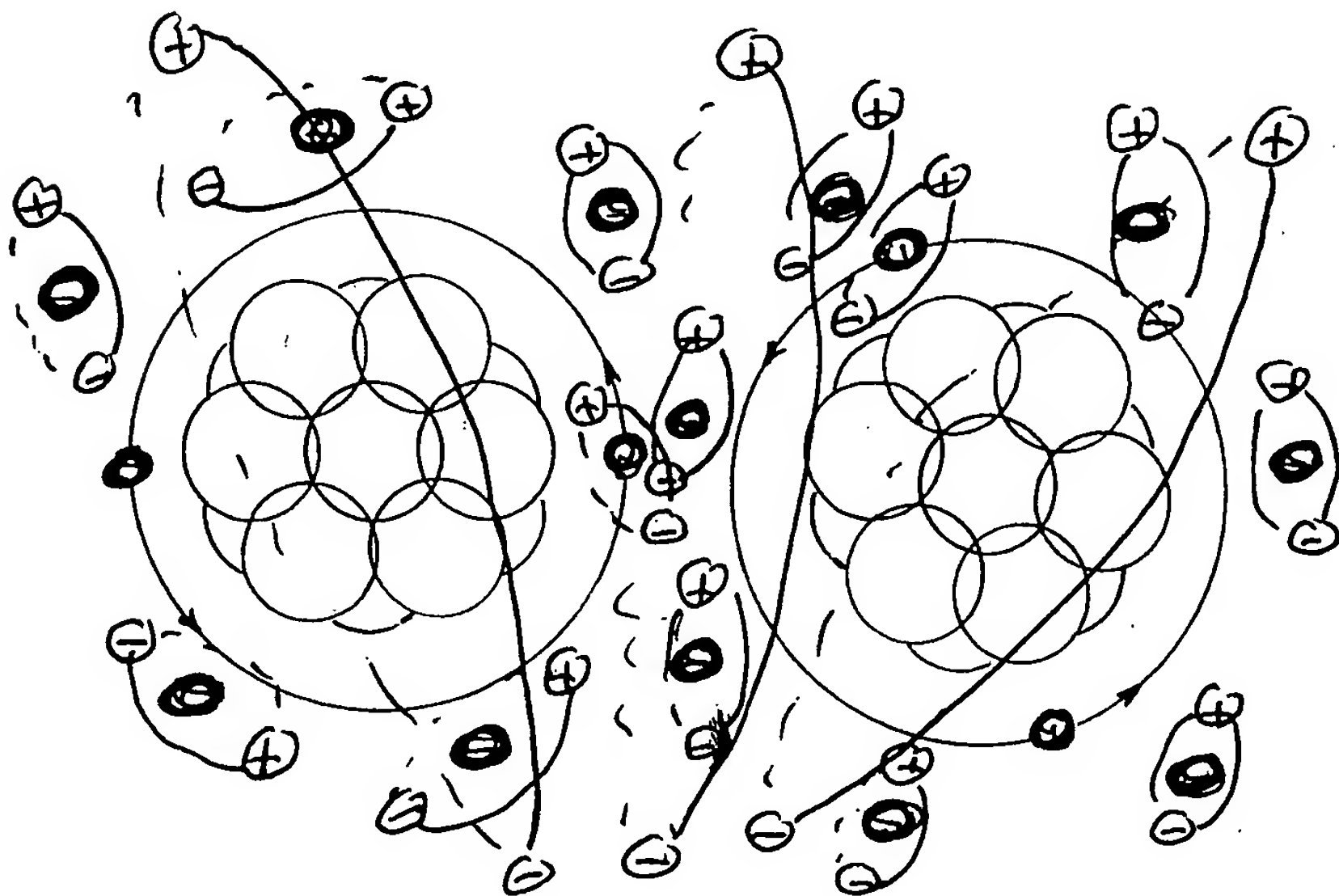
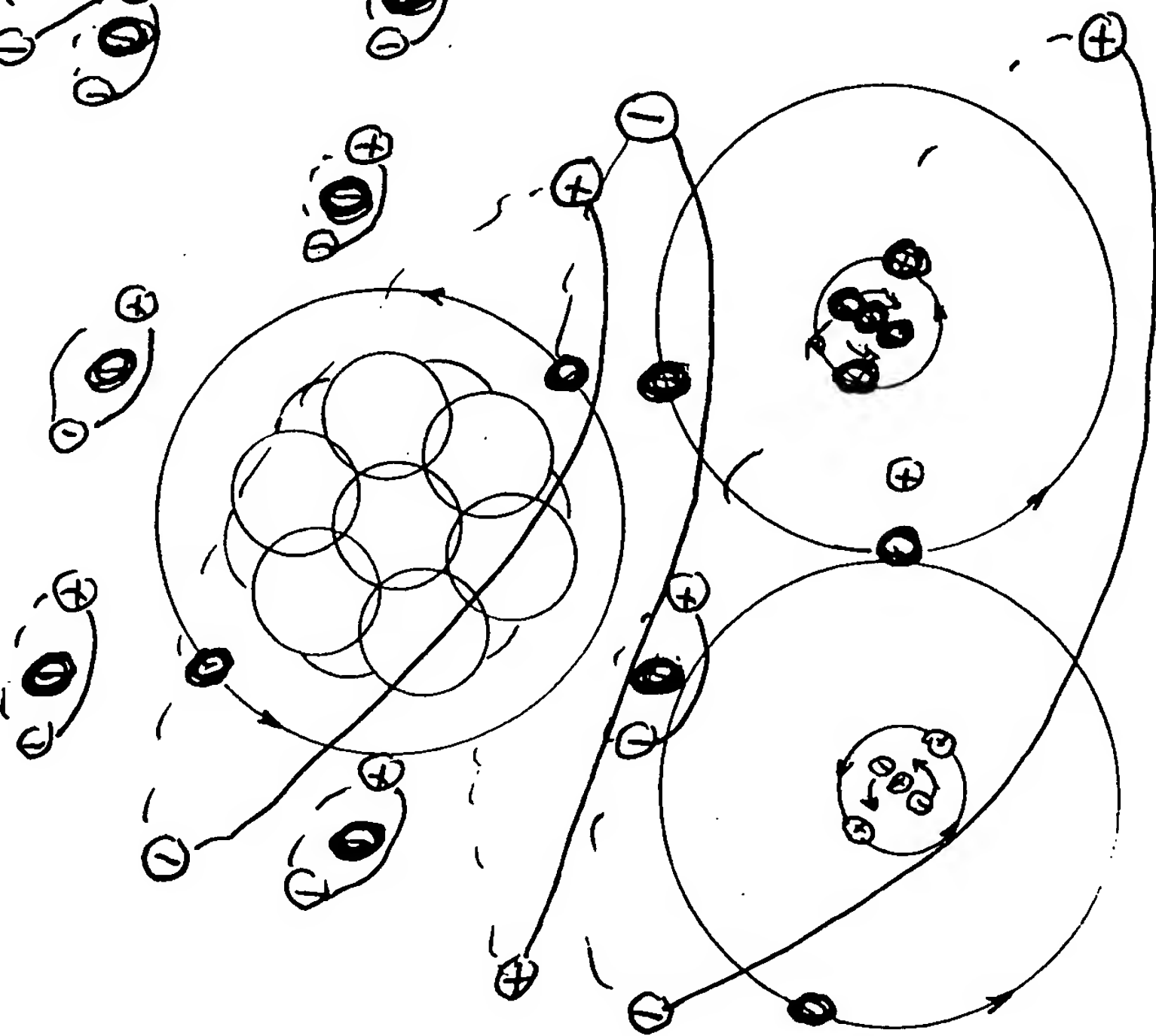


FIG 15J (5)  
OXYGEN  
MOLECULE  
WITH TRAPPED  
TRON PAIRS  
(PHOTONS)

FIG. 15J (6)  
WATER  
MOLECULE  
WITH TRAPPED  
TRON PAIRS  
(PHOTONS)



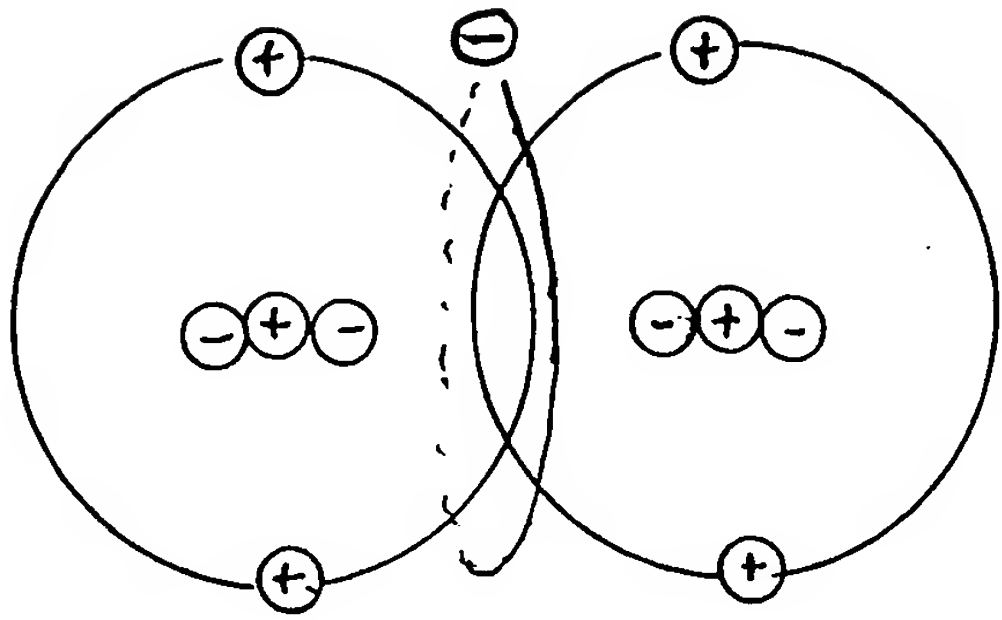


FIG. 15K(1)  
DEUTERIUM  
NUCLEUS

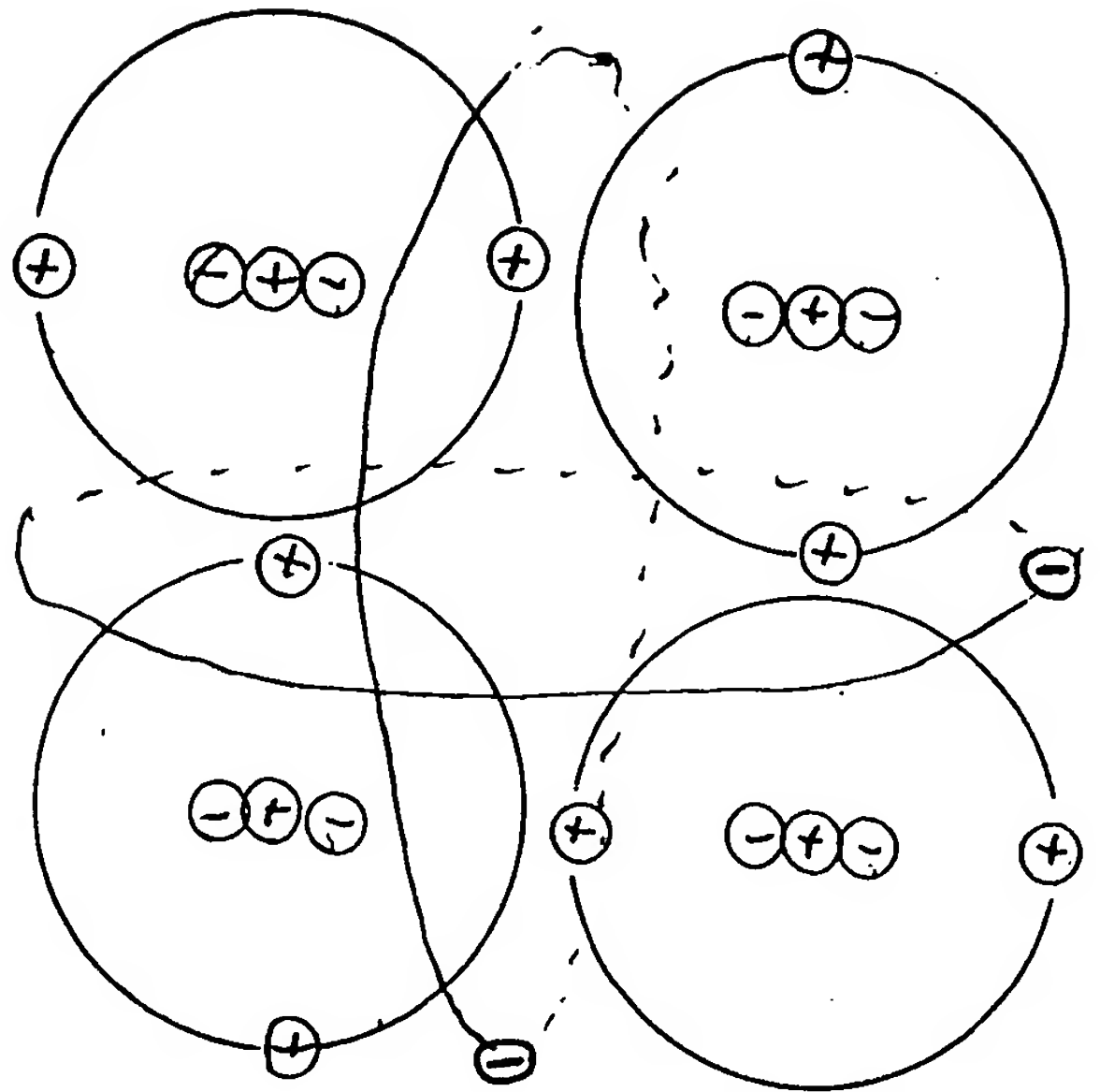


FIG. 15K(2)  
HELIUM  
NUCLEUS

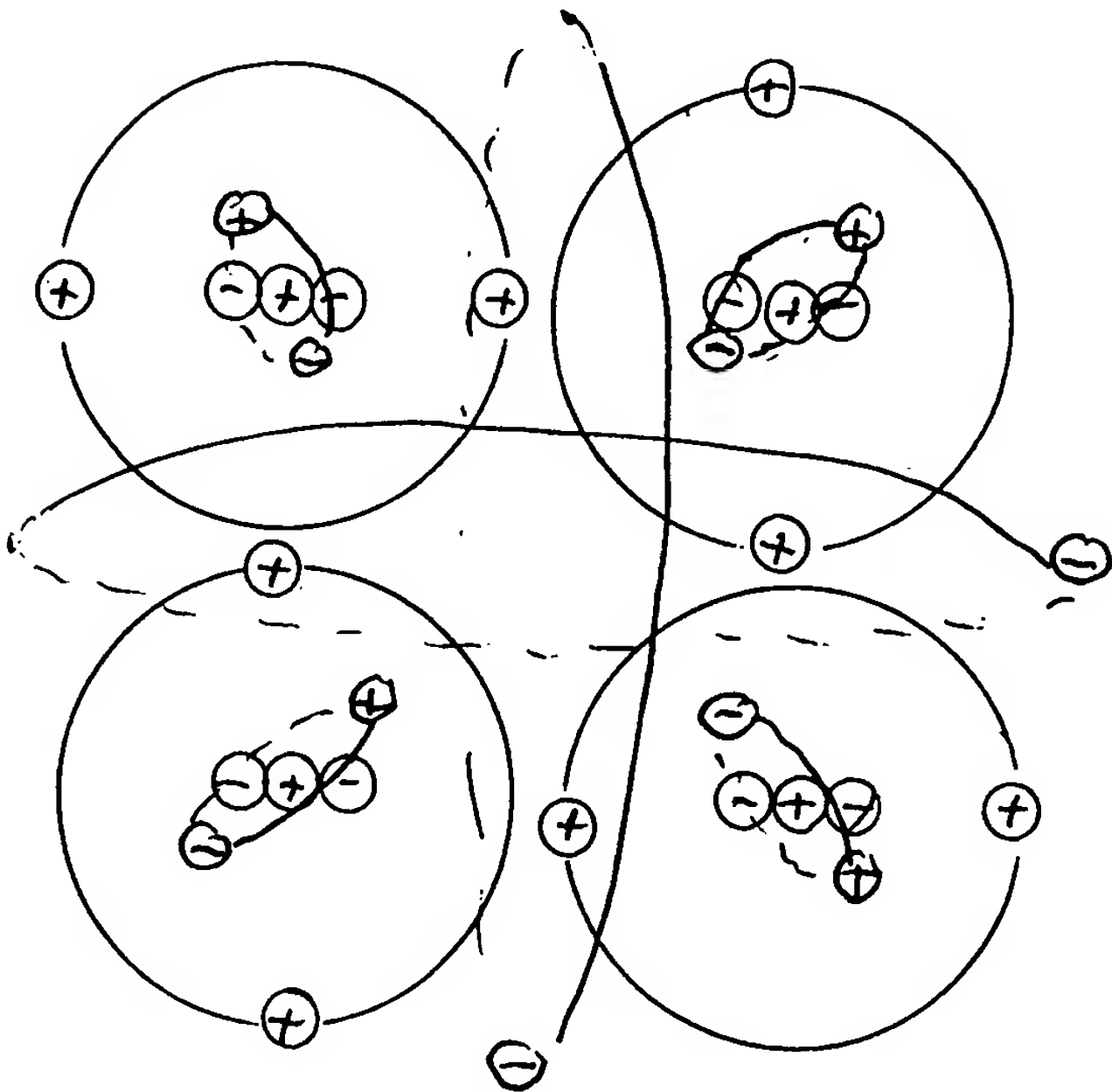


FIG. 15K(4)  
HELIUM NUCLEUS  
WITH TRAPPED PION PAIRS

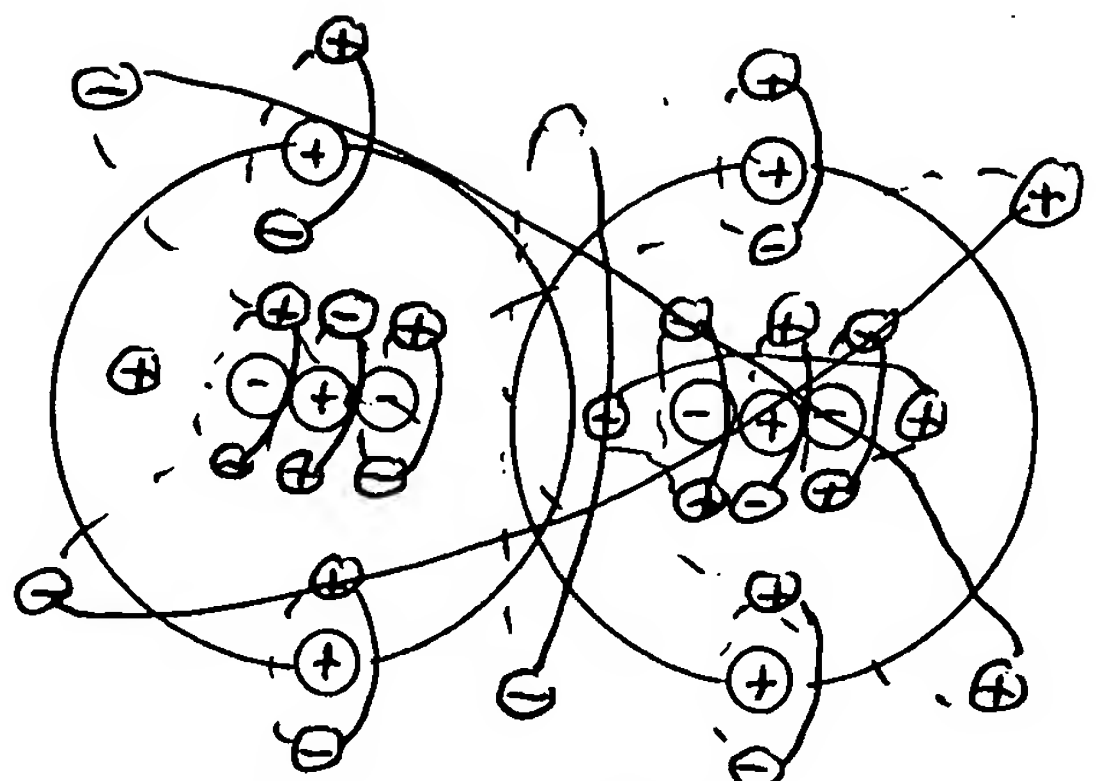
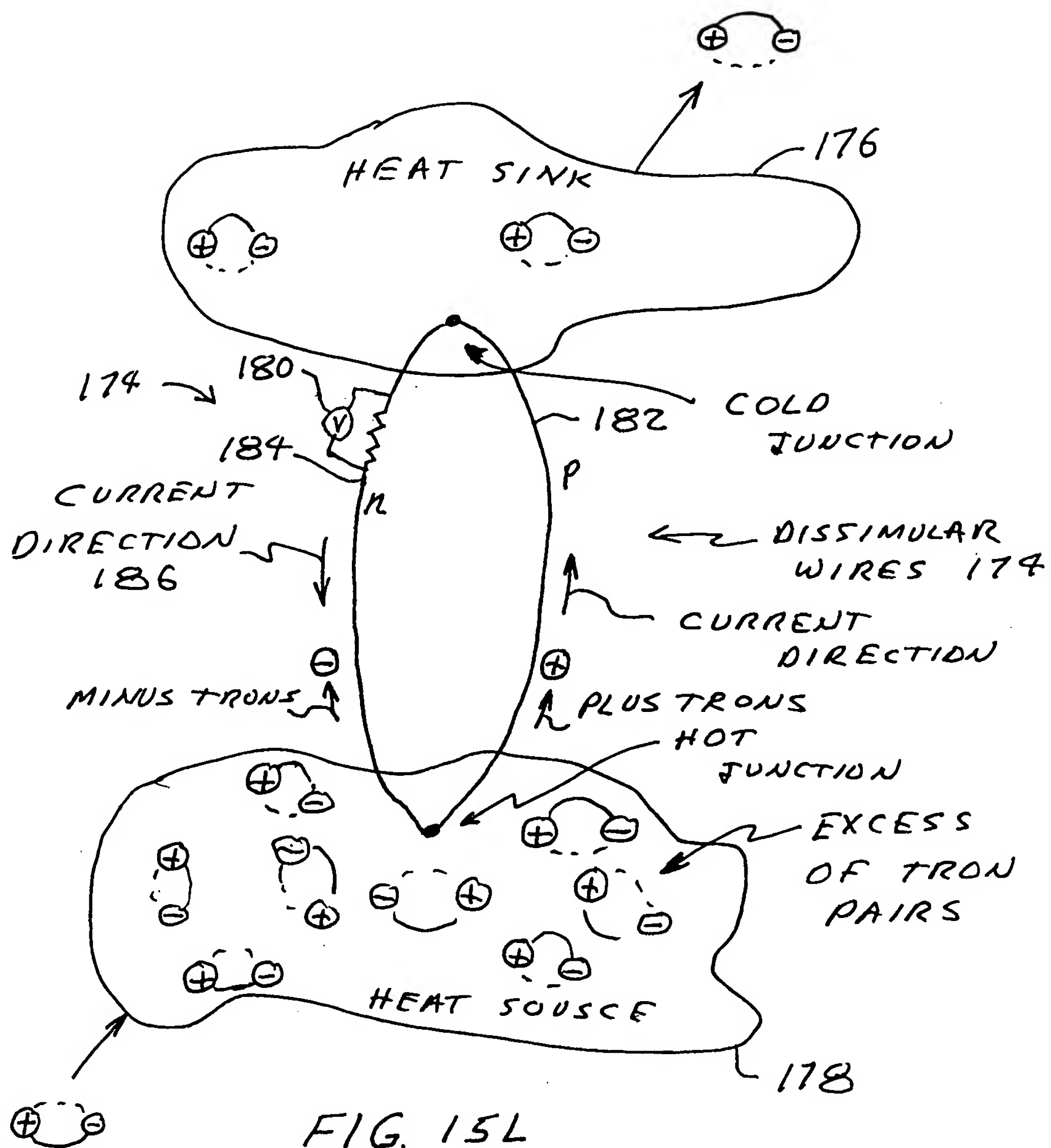


FIG. 15K(3)  
DEUTERIUM NUCLEUS  
WITH TRAPPED PION PAIRS



# NEW ELECTRON MODEL

VIEW 30° ABOVE PLUS TRON ORBIT PLANE

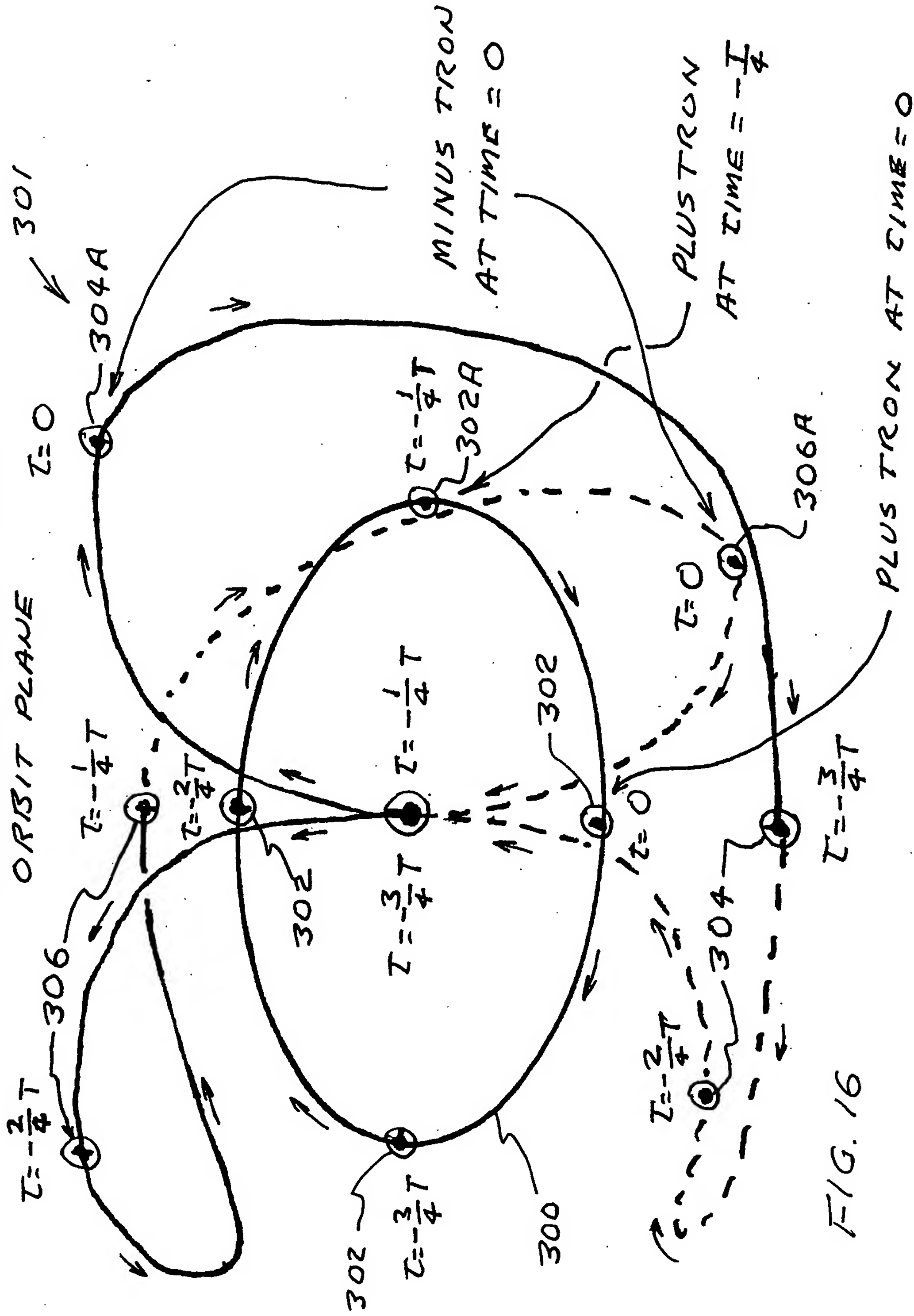
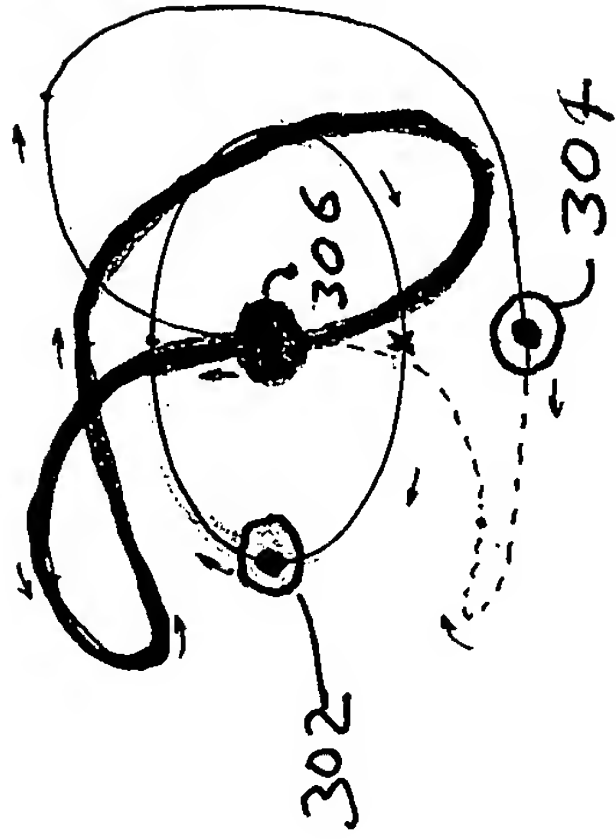


FIG. 16



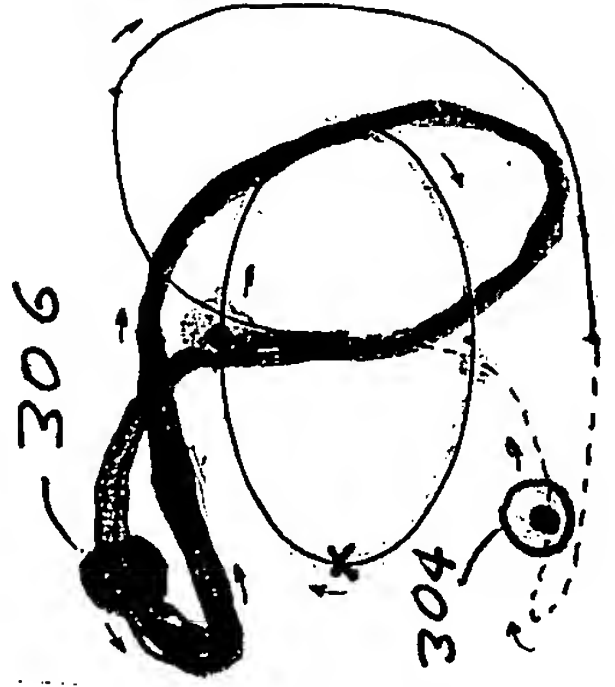
$$t = -\frac{3}{4}T$$

FIG. 17A(4)



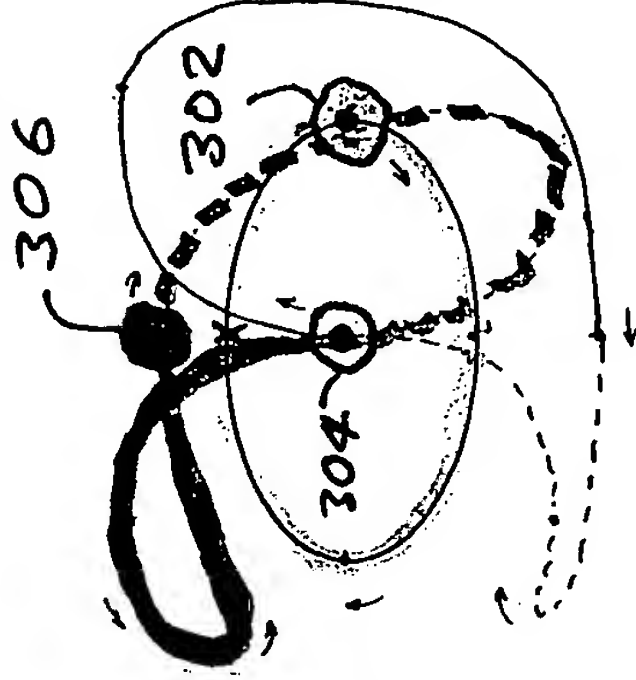
$$t = -\frac{T}{2}$$

FIG. 17A(3)



$$t = -\frac{T}{4}$$

FIG. 17A(2)



$$t = 0$$

FIG. 17A(1)

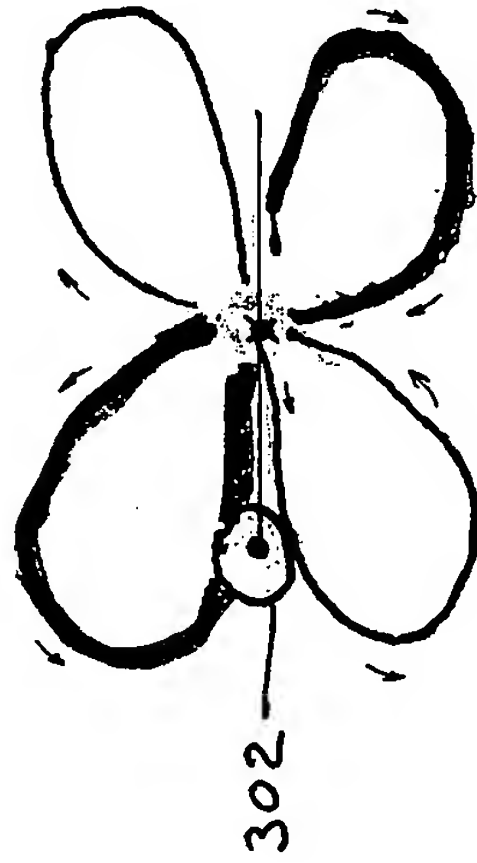
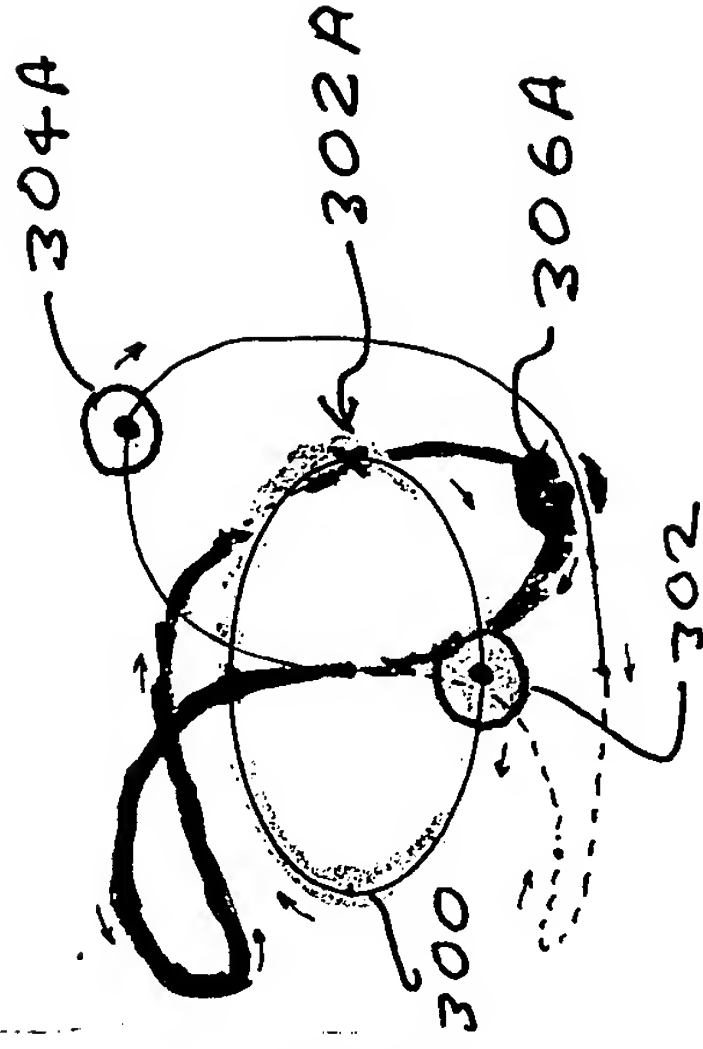


FIG. 17B(4)

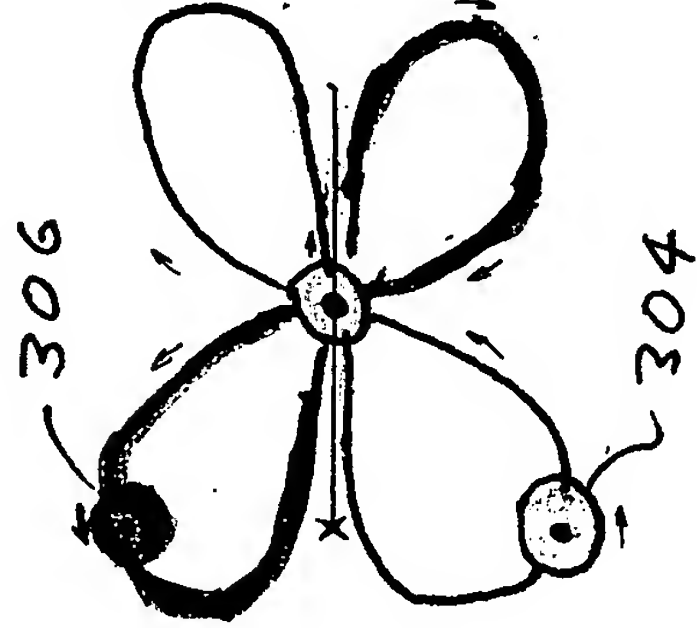


FIG. 17B(3)

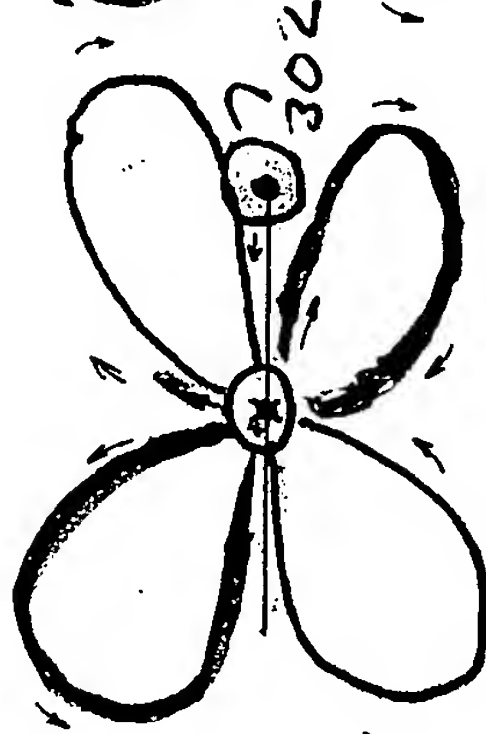


FIG. 17B(2)

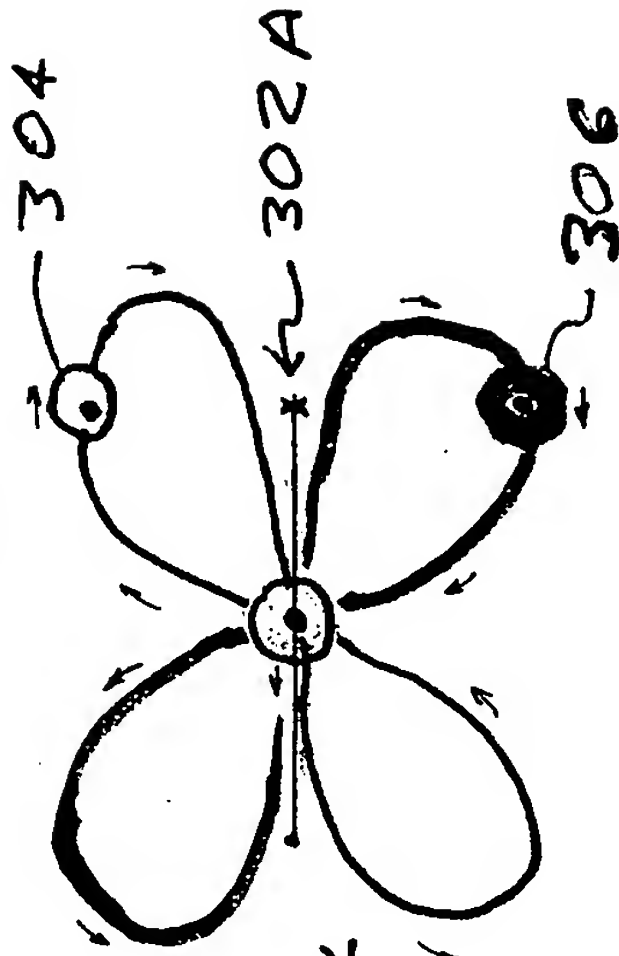


FIG. 17B(1)

NEW PROTON  
MODEL

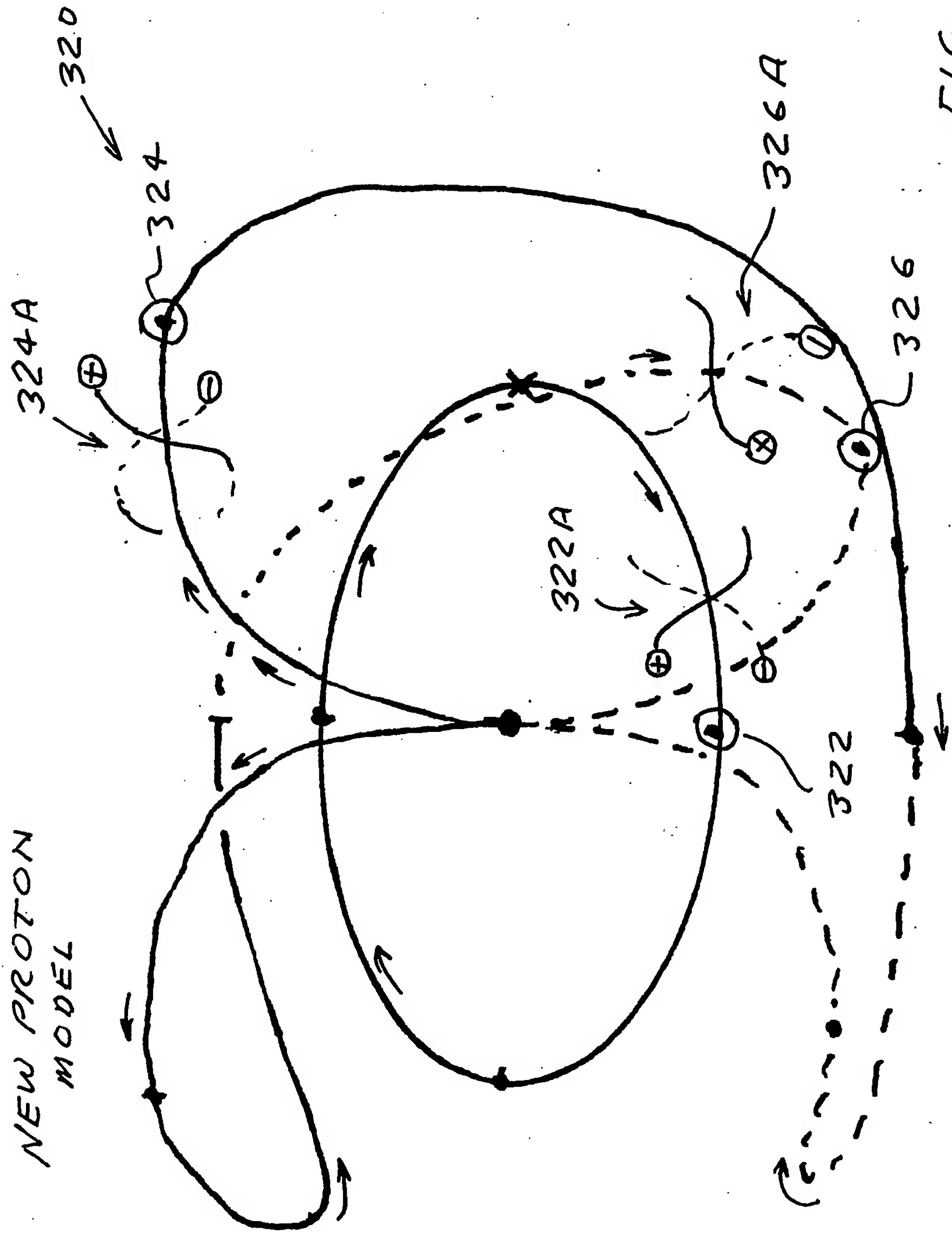


FIG. 18

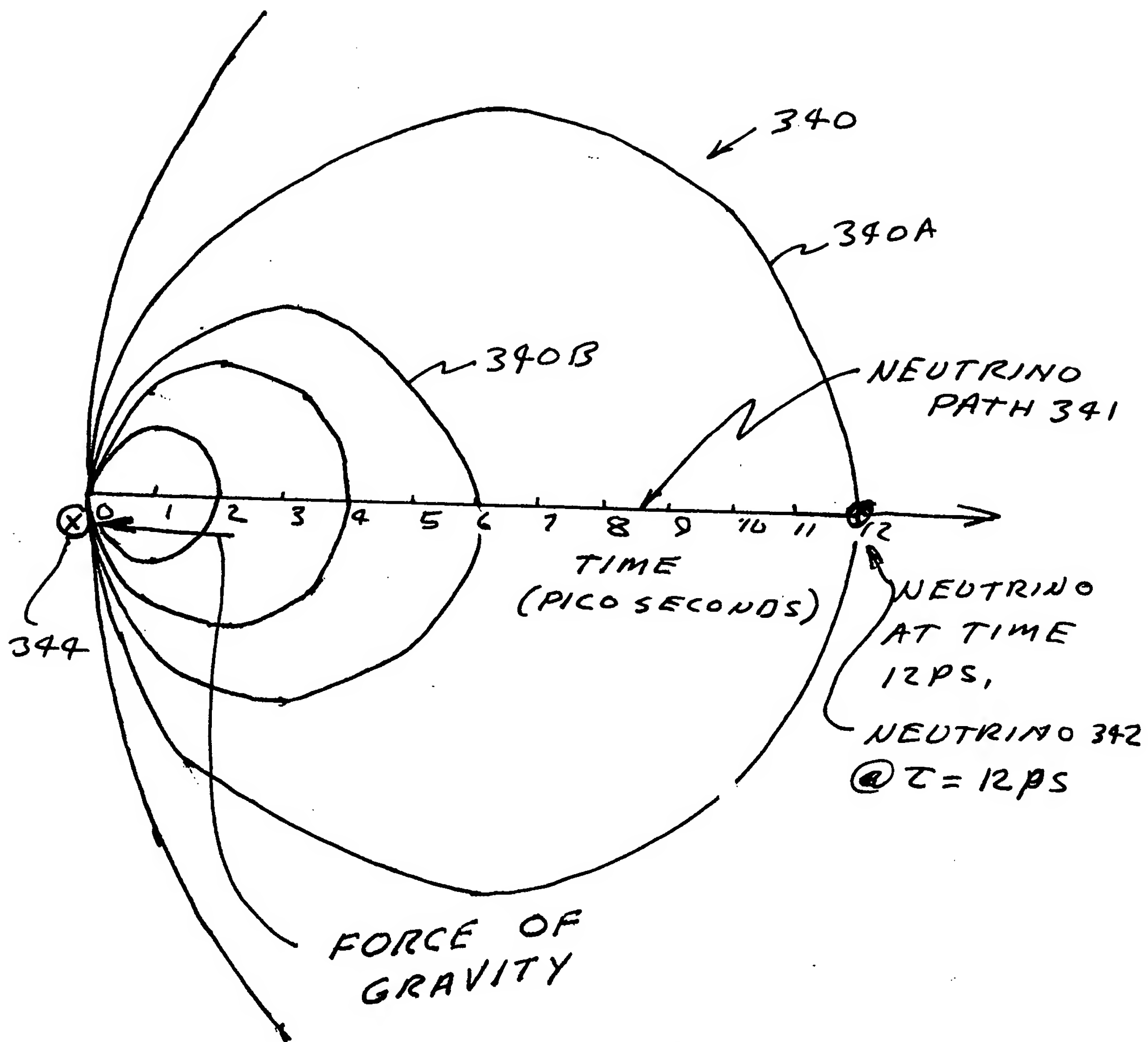


FIG. 19